

RO0000022-Site History

Former Alaska Oil
1310 Central Ave
Alameda, CA 94501

The site is currently occupied by a gasoline service station.

In May 1996 three gasoline USTs (1-10K, 1-7.5K, and 1-5K) and one waste oil tank (500 gallons) were removed. Soil samples were collected beneath each tank. Contaminated soil was reportedly removed from the fuel tank excavation and possible from beneath the former dispensers. It is believed approximately 600 tons of contaminated soil was removed and disposed off-site. No confirmation soil samples were collected following overexcavation.

Free-floating product was observed on the groundwater in the fuel tank pit. Grab groundwater samples were collected from both the waste oil and fuel tank pits. Approximately 15,000 gallons of water and product was reportedly removed from the fuel tank pit. Two new USTs were installed within the same fuel tank excavation. New dispenser islands and piping were also installed.

Elevated petroleum hydrocarbons were detected in almost all of the soil samples (up to 6800ppm TPHg, 3000ppm TOG, 63ppm benzene, 370, 120 and 680ppm TEX, respectively) from the tank pits. The groundwater samples also contained elevated TPHg, TOG and BTEX constituents.

In November 1998, fourteen soil borings (BH-1 through BH-14) were advanced throughout the site to better characterize the extent of soil and groundwater contamination. Elevated TPH and BTEX were identified in soil and groundwater samples from borings advanced immediately adjacent to the edge of the former tank excavation.

In December 1999 three groundwater monitoring wells, MW-1 through MW-3, were installed. Groundwater from each well contained elevated TPHg, BTEX, and MTBE. The next groundwater sampling event identified significantly lower levels of MTBE, possible due to the use of Method 8260.

In July 2000, off-site soil borings (BH-A through BH-L) were advanced to delineate the extent of the contaminant plume. Elevated MTBE were noted in groundwater from BH-B and BH-C, located northwest of the tank complex. The potentiometric surface maps previously prepared for the site indicate groundwater flows to the south or southwest, but the distribution of hydrocarbons in the borings suggests a northwesterly flow direction.

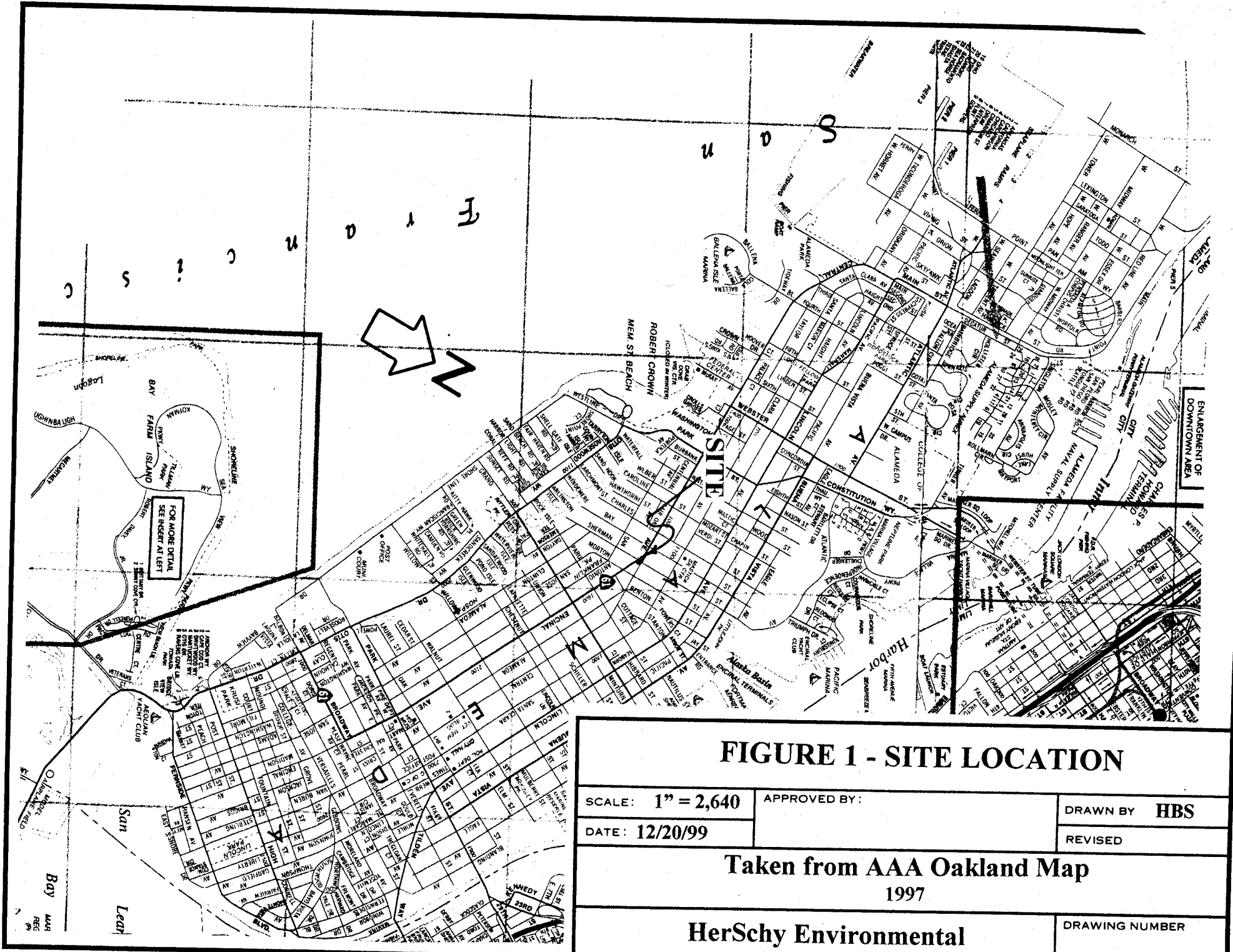


FIGURE 1 - SITE LOCATION

SCALE: 1" = 2,640

APPROVED BY:

DRAWN BY **HBS**

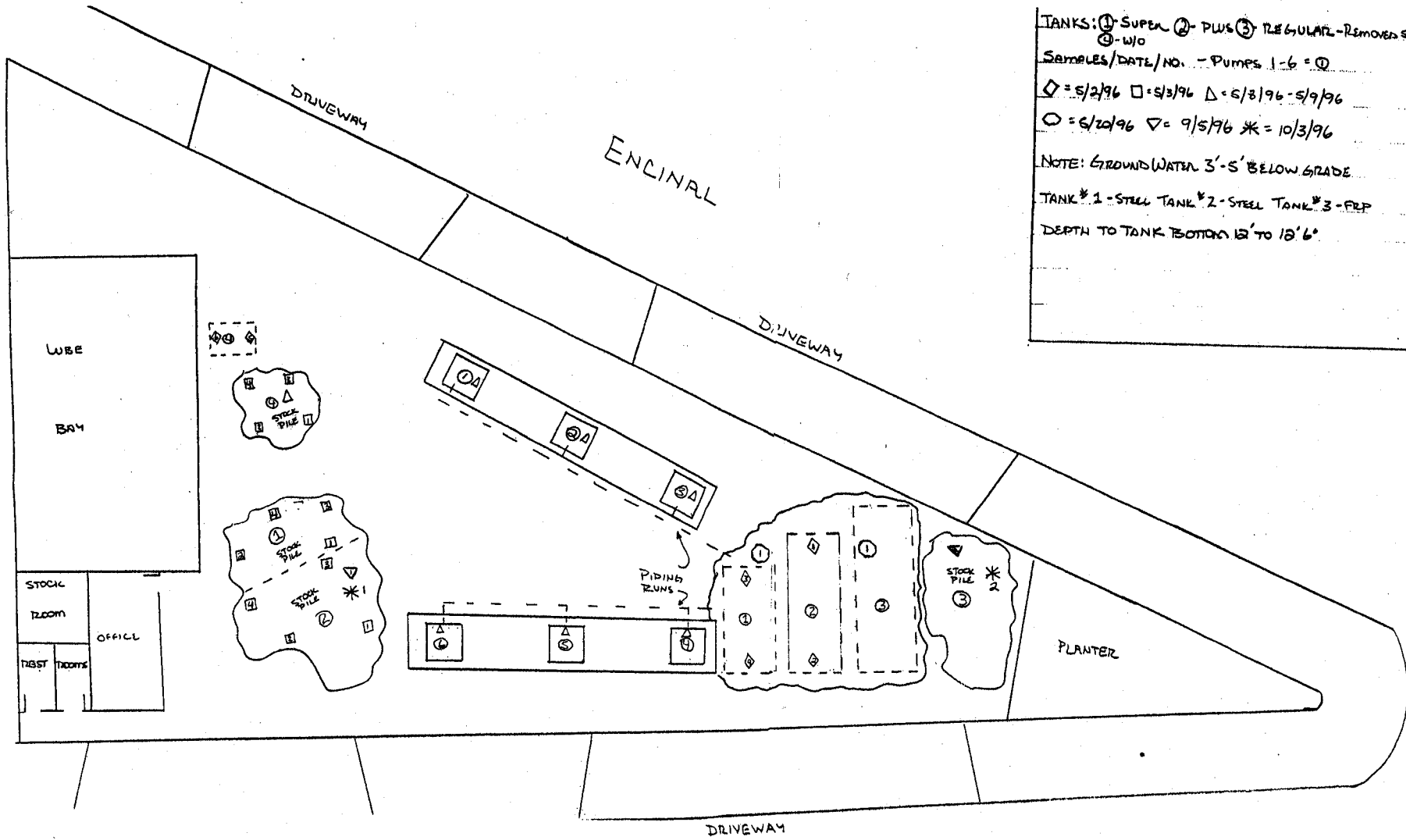
DATE: 12/20/99

REVISED

Taken from AAA Oakland Map
1997

HerSchy Environmental

DRAWING NUMBER



TANKS: ① SUPER ② PLUS ③ REGULATED - REMOVED 5/3/96
 ④ - W/O
 SAMPLES/DATE/NO. - PUMPS 1-6 = ①
 ◇ = 5/2/96 □ = 5/3/96 △ = 5/8/96 - 5/9/96
 ○ = 6/20/96 ▽ = 9/5/96 * = 10/3/96
 NOTE: GROUND WATER 3'-5' BELOW GRADE
 TANK # 1 - STEEL TANK # 2 - STEEL TANK # 3 - FRP
 DEPTH TO TANK BOTTOMS 12' TO 18' 6"

ALASKA GASOLINE		
SCALE: 1" = 10'	APPROVED BY:	DRAWN BY: FRED
DATE:		REVISED:
1310 CENTRAL AVE. ALAMEDA		
SAMPLING, SITE MAP		DRAWING NUMBER 2

**TABLE 5:
PETROTEK
SOIL SAMPLE ANALYTICAL RESULTS**

Sample ID	Date Sampled	Location	TPH as gasoline mg/kg	TPH as diesel mg/kg	TOG mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes mg/kg	VOC's µg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Ni mg/kg	Zi mg/kg
1	5/2/96	Fuel Tank Exc.	5000	-	-	<5.0	31	250	74	560	-	-	-	1.8	-	-
2	5/2/96	Fuel Tank Exc.	2900	-	-	<5.0	<2.0	16	8.3	190	-	-	-	13.3	-	-
3	5/2/96	Fuel Tank Exc.	4400	-	-	<5.0	25	190	75	400	-	-	-	1.9	-	-
4	5/2/96	Fuel Tank Exc.	3600	-	-	<5.0	2.6	34	21	250	-	-	-	8.9	-	-
5	5/2/96	N. Waste Oil Tank	<5.0	<200	1400	<0.10	<0.05	<0.05	<0.05	<0.05	ND	<0.50	20.8	2.2	13.5	14
6	5/8/96	Waste Oil Tank	470	<1000	3000	<0.50	<0.25	<0.25	0.30	0.85	ND	-	-	-	-	-
D1	5/9/96	Beneath Dispenser	6800	-	-	<40	63	370	120	680	-	-	-	-	-	-
D2	5/9/96	Beneath Dispenser	3700	-	-	<20	<10	20	9.7	280	-	-	-	-	-	-
D3	5/9/96	Beneath Dispenser	1500	-	-	<8.0	<4.0	<4.0	<4.0	20	-	-	-	-	-	-
D5	5/9/96	Beneath Dispenser	2600	-	-	<16	<8.0	28	12	200	-	-	-	-	-	-
D6	5/9/96	Beneath Dispenser	<5.0	-	-	<0.10	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-
T1	5/9/96	Unknown Trench	2100	-	-	<8.0	<4.0	5.7	<4.0	140	-	-	-	-	-	-
T2	5/9/96	Unknown Trench	1400	-	-	<5.0	<2.0	5.1	<2.0	20	-	-	-	-	-	-

- = Not Analyzed

ND = Not detected above the Method Detection Limit

µg/kg = micrograms per kilogram (ppb)

mg/kg = milligrams per kilogram (ppm)

VOC's = Volatile Halocarbons

Cd = Cadmium

Cr = Chromium

Pb = Lead

Ni = Nickel

Zi = Zinc

**TABLE 6:
PETROTEK
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Sample ID	Date Sampled	Location	TPH as gasoline µg/L	TPH as diesel µg/L	TOG µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	Cd µg/L	Cr µg/L	Lead µg/L	Nickel µg/L	Zinc µg/L
G1	5/20/96	Fuel Tank Excavation	2,800	-	-	66	100	60	<13	560	-	-	-	-	-
G2	5/2/96	Waste Oil Excavation	1,300	<5,000	35,000	<1.0	<0.5	<0.5	<0.5	1.6	<5.0	114	453	115	753

- = Not Analyzed

µg/L = micrograms per liter (ppb)

mg/L = milligrams per liter (ppm)

Cd = Cadmium

Cr = Chromium

CENTRAL AVENUE

1700/ND/ND/ND

1,200/34,000/1,500/190
BH-2
SIDEWALK

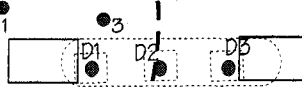
4900/ND/ND/ND
BH-13

BH-14

PLANTER

800/ND/ND/ND
BH-1

BH-5



3,200/120,000/1,700/ND
BH-6

G1
PRESENT
FUEL ISLANDS

2,100/110,000/9,200/ND
BH-3

FORMER
FUEL ISLANDS

ENCINAL AVENUE

110/2,500/ND/ND
BH-9

SUBJECT
PROPERTY
BUILDING

1,700/110,000/5,300/ND
BH-4

480/30,000/ND/ND
BH-10

BH-7

500/2,800/11/ND
BH-8
BH-8.1

FORMER
WASTE OIL PIT

BH-11

6,400/ND/ND/ND
BH-11.1

SIDEWALK

APPROXIMATE LATERAL LIMITS
OF EXCAVATION
FOLLOWING SOIL REMOVAL

0 10 20



SCALE 1" = 18'

TPHs / TPHg / Benzene / MTBE - ppb in water

- APPROXIMATE LOCATION OF SOIL SAMPLES COLLECTED BY PETROTEK
- ◎ APPROXIMATE LOCATION OF GRAB GROUNDWATER SAMPLES COLLECTED BY PETROTEK
- ◆ SOIL BORING LOCATIONS PERFORMED BY AEI ON 11/11 AND 11/12 1998
- CURRENT UNDERGROUND STORAGE TANK, PIPING AND DISPENSER SYSTEM

BH-12
20/ND/ND/ND



ALL ENVIRONMENTAL, INC.
901 MORAGA ROAD, SUITE C, LAFAYETTE, CA

SCALE 1" = 18' DRAWN BY: PJM

SITE PLAN

1310 CENTRAL AVENUE
ALAMEDA, CALIFORNIA

DRAWING NUMBER:
FIGURE 2

**TABLE 1:
SOIL SAMPLE ANALYTICAL RESULTS**

Sample ID	Date Sampled	TPH as gasoline mg/kg	TPH as diesel mg/kg	TOG mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes mg/kg	VOC's µg/kg
BH-1 4'	11/12/98	810	<1	-	<0.02	27	170	110	560	-
BH-1 8'	11/12/98	1,100	<1	-	<0.02	9.8	33	11	64	-
BH-2 4'	11/12/98	5,900	<1	-	1.8	2.9	76	57	410	-
BH-3 4'	11/12/98	570	<1	-	<0.02	<0.005	0.065	0.073	0.38	-
BH-4 3'	11/12/98	4,600	<1	-	<0.02	<0.005	13	47	310	-
BH-5 4'	11/12/98	3,700	<1	-	<0.02	<0.005	3.2	29	190	-
BH-6 4'	11/11/98	<0.05	<1	-	<0.02	<0.005	<0.005	<0.005	<0.015	-
BH-7 4'	11/12/98	2,600	<1	-	<0.02	<0.005	<0.005	6.9	68	-
BH-8 6'	11/11/98	270	<1	-	<0.02	0.18	0.11	0.45	1.2	-
BH-8.1 5'	11/11/98	<0.05	<1	-	<0.02	<0.005	0.008	<0.005	<0.015	-
BH-9 5'	11/11/98	<0.05	<1	3,300	<0.02	<0.005	0.02	<0.005	<0.015	ND
BH-10 8'	11/11/98	250	300	2,100	<0.02	<0.005	<0.005	0.19	1.4	ND
BH-11 5'	11/11/98	<0.05	<1	70	<0.02	<0.005	<0.005	<0.005	<0.015	ND
BH-11.1 7'	11/11/98	<0.05	<1	16	<0.02	<0.005	<0.005	<0.005	<0.015	ND
BH-12 5'	11/11/98	<0.05	<1	-	<0.02	<0.005	<0.005	<0.005	<0.015	-
BH-13 5'	11/11/98	<0.05	<1	-	<0.02	<0.005	<0.005	<0.005	<0.015	-
BH-14 5'	11/11/98	<0.05	<1	-	<0.02	<0.005	<0.005	<0.005	<0.015	-
MDL		0.05	1	10	0.02	0.005	0.005	0.005	0.015	

-' = Not Analyzed

ND = Not detected above the Method Detection Limit

µg/kg = micrograms per kilogram (ppb)

mg/kg = milligrams per kilogram (ppm)

VOC's = Volatile Halocarbons

MDL = Method Detection Limit

**TABLE 2:
SOIL SAMPLE ANALYTICAL RESULTS**

Sample ID	Date Sampled	An mg/kg	As mg/kg	Ba mg/kg	Be mg/kg	Cd mg/kg	Cr mg/kg	Co mg/kg	Cu mg/kg	Pb mg/kg	Hg mg/kg	Mb mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Th mg/kg	Va mg/kg	Zn mg/kg
BH-9 5'	11/11/98	<2	<5	46	<1	3	74	7	6	<1	<0.1	4	30	<5	<2	26	35	21
BH-10 8'	11/11/98	<2	<5	34	<1	2	41	7	5	5	<0.1	3	20	<5	<2	16	21	19
BH-11 5'	11/11/98	<2	<5	63	<1	3	66	6	7	<1	<0.1	4	35	<5	<2	27	32	23
BH-11.1 7'	11/11/98	<2	<5	62	<1	2	37	7	10	37	<0.1	3	24	<5	<2	17	22	140
M.D.L.		2	5	1	1	1	1	1	1	1	0.1	1	1	5	2	2	1	1

An = Antimony

As = Arsenic

Ba = Barium

Be = Berilium

Cd = Cadmium

Cr = Cromium

Co = Cobalt

Cu = Copper

Pb = Lead

Hg = Mercury

Mb = Molybdenum

Ni = Nickle

Se = Selenium

Ag = Silver

Th = Thalium

Va = Vanadium

Zn = Zinc

M.D.L = Method Detection Limit

**TABLE 3:
GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Sample ID	Date Sampled	TPH as gasoline µg/L	TPH as diesel µg/L	TOG µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	VOCs µg/L
BH-1	11/12/98	<50	800	-	<20	<0.5	<0.5	<0.5	<1.5	-
BH-2	11/12/98	34,000	1,200	-	190	1,500	2,800	500	2,800	-
BH-3	11/12/98	110,000	2,100	-	<20	7,200	11,000	3,300	21,000	-
BH-4	11/12/98	110,000	1,700	-	<20	5,300	13,000	3,100	16,000	-
BH-6	11/11/98	120,000	3,200	-	<20	1,700	4,500	4,900	26,000	-
BH-8.1	11/11/98	2,800	500	-	<20	11	35	10	64	-
BH-9	11/11/98	2,500	110	ND	<20	<0.5	4.0	3	23	ND
BH-10	11/11/98	30,000	480	ND	<20	<0.5	ND	13	110	ND
BH-11.1	11/11/98	<50	6,400	ND	<20	<0.5	3.0	<0.5	<1.5	ND
BH-12	11/11/98	<50	210	-	<20	<0.5	1.0	0.7	4.2	-
BH-13	11/11/98	<50	400	-	<20	<0.5	<0.5	<0.5	<1.5	-
BH-14	11/11/98	<50	700	-	<20	<0.5	<0.5	<0.5	<1.5	-
M.D.L.		50	50	10	20	0.5	0.5	0.5	1.5	

- = Not Analyzed

µg/L = micrograms per liter (ppb)

mg/L = milligrams per liter (ppm)

M.D.L. = Method Detection Limit

**TABLE 4:
GROUNDWATER SAMPLE ANALYSIS**

Sample ID	Date Sampled	An µg/L	As µg/L	Ba µg/L	Be µg/L	Cd µg/L	Cr µg/L	Co µg/L	Cu µg/L	Pb µg/L	Hg µg/L	Mb µg/L	Ni µg/L	Se µg/L	Ag µg/L	Th µg/L	Va µg/L	Zn µg/L
BH-9	11/11/98	<100	<250	55	<50	<50	<50	<50	<50	<50	<0.5	<50	<50	<250	<100	120	<50	<50
BH-10	11/11/98	<100	<250	62	<50	<50	<50	<50	<50	<50	<0.5	<50	<50	<250	<100	86	<50	<50
BH-11	11/11/98	<100	<250	83	<50	<50	<50	<50	<50	<50	<0.5	<50	<50	<250	<100	110	<50	<50
M.D.L.		100	250	50	50	50	50	50	50	50	0.5	50	50	250	100	100	50	50

An = Antimony

As = Arsenic

Ba = Barium

Be = Beryllium

Cd = Cadmium

Cr = Chromium

Co = Cobalt

Cu = Copper

Pb = Lead

Hg = Mercury

Mb = Molybdenum

Ni = Nickel

Se = Selenium

Ag = Silver

Th = Thallium

Va = Vanadium

Zn = Zinc

M.D.L = Method Detection Limit

CENTRAL AVENUE

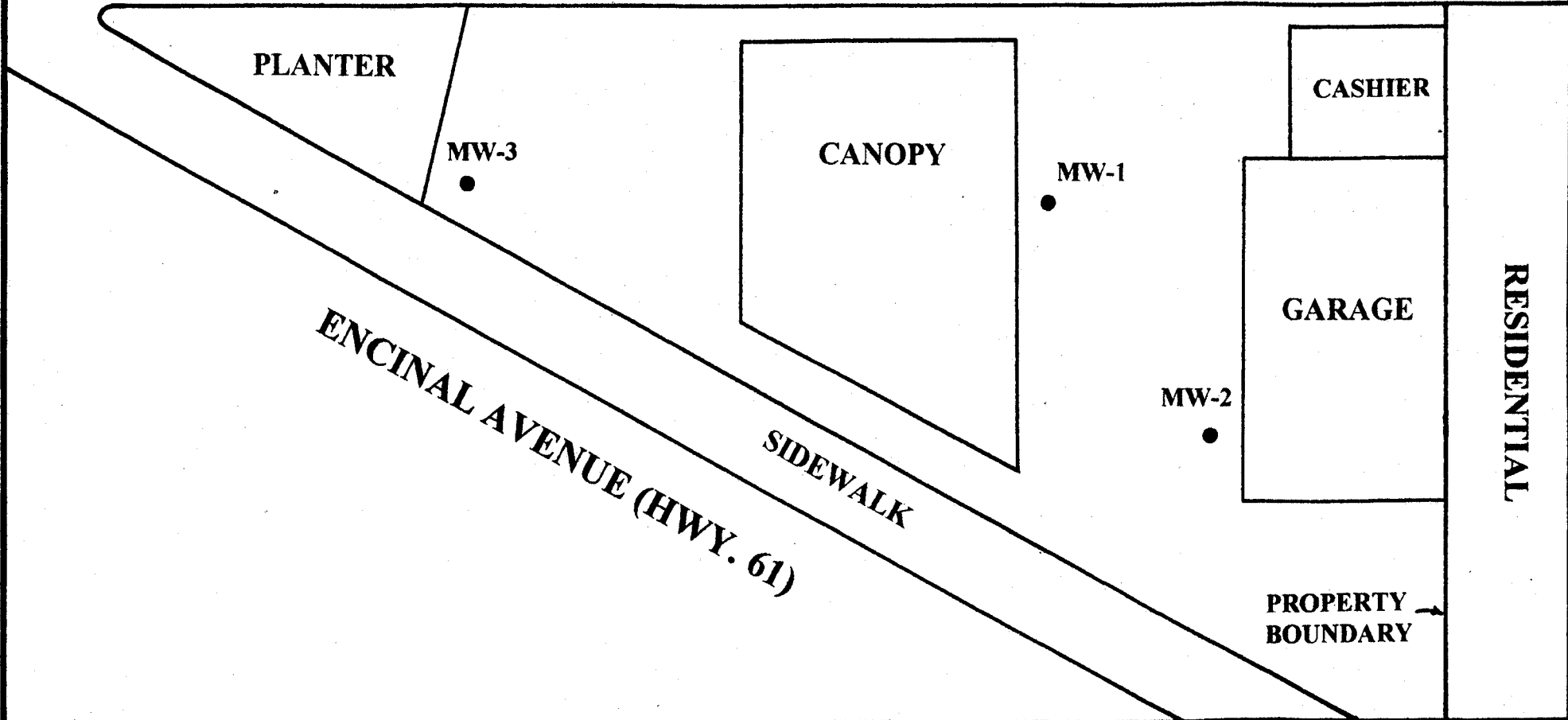


FIGURE 2 - SITE MAP

SCALE: 1" = 20'	APPROVED BY:	DRAWN BY HBS
DATE: 12/20/99		REVISED
ALASKA GASOLINE COMPANY, ALAMEDA		
HerSchy Environmental		DRAWING NUMBER

TABLE ONE

Summary of Chemical Analysis of SOIL Samples

Nissan Alameda - Collected on July 29, 2000

Petroleum Hydrocarbons

All results are in parts per million

Boring - Depth	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	TAME	TBA	Other Oxygenates
BH-A-3.5'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-B-2.5'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-C-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-D-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-E-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-F-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-G-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-H-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-I-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PRGs	NE	NE	0.67	520	230	210	NE	NE	NE	NE

table continued on next page

TABLE ONE

Summary of Chemical Analysis of SOIL Samples

Nissan Alameda - Collected on July 29, 2000

Petroleum Hydrocarbons

All results are in parts per million

Boring	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	TAME	TBA	Other Oxygenates
BH-J-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH-K-3.0'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.0061	<0.005	<0.005	<0.005
BH-L-3.5'	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PRGs	NE	NE	0.67	520	230	210	NE	NE	NE	NE

Notes:

MTBE = Methyl-t-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

PRG = United States Environmental Protection Agency Region IX Preliminary Remediation Goal for Residential Soil.

NE = PRG has not been established.

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

TABLE TWO

Summary of Chemical Analysis of GROUNDWATER Samples

Nissan Alameda - Collected on July 29, 2000

Petroleum Hydrocarbons

All results are in parts per billion

method 8260

Boring	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	TAME	TBA	Other Oxygenates
BH-A	< 50	< 50	< 0.5	0.7	< 0.5	0.9	< 0.5	< 0.5	< 5.0	< 0.5
BH-B	1,800	< 2,000	270	8.8	18	13	4,100	5.6	440	< 3.0
BH-C	230	< 100	11	1.2	< 0.5	0.96	760	6.6	130	< 0.5
BH-D	< 50	72	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 5.0	< 0.5
BH-E	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
BH-F	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
BH-G	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
BH-H	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
BH-I	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	0.55	< 0.5	< 5.0	< 0.5
DHS MCL	NE	NE	1	150	700	1,750	13	NE	NE	VARIES

table continued on next page

TABLE TWO

Summary of Chemical Analysis of GROUNDWATER Samples

Nissan Alameda - Collected on July 29, 2000

Petroleum Hydrocarbons

All results are in parts per billion

method 8260

Boring	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	TAME	TBA	Other Oxygenates
BH-J	< 50	200	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
BH-K	< 50	520	< 0.5	< 0.5	< 0.5	< 0.5	0.77	< 0.5	< 5.0	< 0.5
BH-L	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	2.5	< 0.5	< 5.0	< 0.5
DHS MCL	NE	NE	1	150	700	1,750	13	NE	NE	VARIES

Notes:

MTBE = Methyl-t-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

DHS MCL is the California Department of Health Services maximum contaminant level for drinking water.

NE = DHS MCLs are not established.

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

TABLE TWO

Summary of Chemical Analysis of GROUNDWATER Samples

Petroleum Hydrocarbons

All results are in parts per billion

Well/ Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	TAME	TBA	Other Oxygenates
<u>MW-1</u>										
9/6/99	5,700	8,700	170	59	22	85	20,000	NA	NA	NA
5/16/00	20,000	< 7,500	38	6.3	740	1,600	< 5.0	< 5.0	< 50	< 5.0
8/3/00	20,000	< 6,000	56	9.7	920	1,600	< 0.5	< 0.5	< 5.0	< 0.5
<u>MW-2</u>										
9/6/99	6,000	70	1,300	92	50	400	6,800	NA	NA	NA
5/16/00	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 50	< 5.0
8/3/00	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5
<u>MW-3</u>										
9/6/99	43,000	870	860	70	< 0.5	65	120,000	NA	NA	NA
5/16/00	17,000	< 5,000	2,800	60	380	190	990	9.1	350	< 5.0
8/3/00	16,000	< 2,000	1,600	29	210	53	1,200	21	260	< 2.0
DHS MCL	NE	NE	1	150	700	1,750	13	NE	NE	VARIES

Notes:

MTBE = Methyl-t-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

DHS MCL is the California Department of Health Services maximum contaminant level for drinking water.

NA = Samples Not Analyzed for this compound.

NE = DHS MCLs are not established.

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

Project No: 3011

Borehole #: BH-14

Date: 11/11/98

Project: ALASKAMART

Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					PID = 0.0 ppm
		FILL					
1							
2							
3		SILTY SAND Dark yellowish brown 10YR 4/2 Damp					
4							
5			BH-14	SS	NA		
6							
7		CLAYEY SAND 20% Clay					
8			BH-14	SS			
		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-13

Date: 11/11/98

Project: ALASKAMART










Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT AND FILL					
1		SILTY SAND 5-10% silt Dusky yellowish brown 10YR 2/2					PID = 0.0 ppm
2							
3							
4							
5			BH-13	SS	NA		
6							
7							
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-12

Date: 11/11/98

Project: ALASKAMART










Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT AND FILL		SS			
1							
2							
3							
4		SILTY SAND 5-10% silt Dark yellowish orange 10YR 4/6					
5		wet	BH-12	SS	NA		PID = 0.0 ppm
6							
7		stiff/ damp					
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-11.1

Date: 11/11/98

Project: ALASKAMART



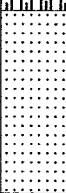
Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1		SILTY SAND Dark yellowish brown 10YR 4/2					No odor PID = 0.0 ppm
2							
3							
4							
5			BH-11.1	SS	NA		
6		CLAYEY SAND wet clayey sand, slight odor					
7							
8			BH-11.1	SS			
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-11

Date: 11/11/98

Project: ALASKAMART










Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1		SILTY SAND Dark yellowish brown 10YR 4/2					
2							
3							PID = 0.0 ppm
4							
5				BH-11	SS	NA	
6							PID = 190 ppm
7							
8		End of Borehole					No water generated boring moved
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-10

Date: 11/11/98

Project: ALASKAMART



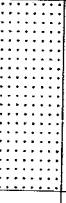
Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1		SILTY SAND Silty sand with with gravels up to 20mm Dark yellowish brown 10YR 4/2					PID = 0.0 ppm
4			BH-10	SS	NA		
5		CLAYEY SAND color change to greenish at 6.5 feet stiff					slow water generation
8			BH-10	SS	NA		PID = 192 ppm
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
 901 Moraga Road, Suite C
 Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-9

Date: 11/11/98

Project: ALASKAMART




Total Depth: 10 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface ASPHALT					
1		SILTY SAND Silt <5%, Dusky yellowish brown 10YR 2/2					
4			BH-9	SS	NA		damp @ 1 foot thick groundwater ?
7		SAND Few fines Greyish green, wet, strong odor (diesel ?)				▼	PID = 203 ppm sheen on water
10		End of Borehole	BH-9	SS	NA		
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-8.1

Date: 11/11/98

Project: ALASKAMART



Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					PID = 0.0 ppm
0		ASPHALT					
1		SILTY SAND Dry, loose silty sand; dark yellowish brown; no odor	BH-8.1	SS	NA		
2							
3							
4							
5		Light olive 10YR 5/4					
6							
7							
8			BH-8.1	SS	NA		
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-8

Date: 11/11/98

Project: ALASKAMART

Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1		LOOSE SAND AND GRAVEL Fill material, very loose, recoverable samples					PID = 0.0 ppm
2							
3							
4							
5							PID = 265 ppm
6			BH-8 4'	SS	NA	▼	Groundwater ?
7		color change to greyish olive 10Y 4/					no water sample collected
		End of Borehole					boring moved 2 feet to SE
8							
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-7

Date: 11/12/98

Project: ALASKAMART

Total Depth: 7 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		CONCRETE					
1							
2							PID = 26 ppm
3		SILTY SAND					
4		Dark Yellowish Brown 10YR 4/2	BH-7 4'	SS	NA		
4		Strong Odor					
5						▼	Sheen on Groundwater
6		Greyish Olive 10Y 4/2					
7		End of Borehole					PID = 1390 ppm
8							
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-6

Date: 11/12/98

Project: ALASKAMART

Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASHALT AND GRAVEL					
1							
2							
3							
4		SILTY SAND Dark Yellowish Brown 10YR 4/2 Few Fines Strong Odor	BH-6 4'	SS	NA		
5						▼	PID = 1365 ppm
6							
7		Color change to greyish green 10G 4/2					
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-5

Date: 11/12/98

Project: ALASKAMART



Total Depth: 7.5 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		CONCRETE					
1							
2							PID = 56 ppm
3							
4		SILTY SAND Moderate Yellowish Brown 10YR 5/4 strong odor	BH-5 4'	SS	NA		
5						▼	
6		Color Change: Dusky yellow green					
7							PID = 1050 ppm
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-4

Date: 11/12/98

Project: ALASKAMART



Total Depth: 7 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		CONCRETE					
1							
2							
3		SILTY SAND Dark Brown, Damp strong odor	BH-4 3'	SS	NA		PID = 1018 ppm
4							Sheen on water
5						▼	
6		color change to greenish grey					
7		End of Borehole					
8							
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-3

Date: 11/11/98

Project: ALASKAMART


Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT AND FILL		SS			
1							
2							
3							PID = 0.0 ppm
4		SILTY SAND Dusky yellowish brown 10YR 3/2					
5			BH-13	SS	NA		
6							
7		color change to greenish strong odor				▼	PID = 1130 ppm sheen on water
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-2

Date: 11/12/98

Project: ALASKAMART




Total Depth: 6.5 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1							
2							
3		SILTY SAND Dusky yellow brown 10YR 3/2 Damp, Strong odor					PID = 1097 ppm
4			BH-2 4'	SS	NA		
5						▼	
6		STIFF SANDY CLAY Clay with 15-20% sand, stiff Greyish green					
7		End of Borehole					
8							
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

Project No: 3011

Borehole #: BH-1

Date: 11/12/98

Project: ALASKAMART




Total Depth: 8 FEET

Client: PRITPAUL SAPPAL

Logged By: PJM

Location: 1310 CENTRAL AVENUE

Responsible Professional JPD

SUBSURFACE PROFILE			SAMPLE			Well Data	Remarks
Depth	Symbol	Description	Number	Type	Blows/ft		
0		Ground Surface					
0		ASPHALT					
1							
2							
3		SILTY SAND Dusky yellow brown 10YR 3/2 Damp, Strong odor					PID = 1046 ppm
4			BH-1 4'	SS	NA		
5							color change to greenish blue
6		STIFF SANDY CLAY Clay with 15-20% sand, stiff					
7			BH-1 8'	SS	NA		PID = 704 ppm
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

Drilled By: VIRONEX

All Environmental, Inc.
901 Moraga Road, Suite C
Lafayette, CA 94549

Hole Size: 2"

Drill Type: GEOPROBE

Drill Method: DIRECT PUSH

Sheet: 1 of 1

CLIENT Alaska Gasoline Co.
 DATE DRILLED 10-11-99
 LOCATION Alameda
 HOLE DIAMETER 8"
 HOLE DEPTH 18'
 WELL DEPTH 17.35'
 WELL DIAMETER 2"
 ELEVATION 26.85

LOGGED BY H. Schymiczek
 DRILLED BY West Hazmat
 DRILLING METHOD HSA
 SAMPLING METHOD Split Spoon
 CASING TYPE Sch. 40PVC
 SLOT SIZE 0.020"
 GRAVEL PACK #3 Sand

WELL COMPLETION DETAIL	MOISTURE CONTENT	BLOWS/FOOT	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>Diagram labels: blank, grout seal, screen, sand</p>			0			ML	Approx. 2" asphalt. Sand, dk.brown, v.fine - to fine-grained, trace silt.
		2 2 3	5			SM	Silty sand, brown, v.fine - to med.-grained, no odor or stain; OVA=0
			10				
			15				
			20			SM	Silty sand, brown, v.fine - to med.-grained. T.D.=18'
			25				
			30				
			35				
			40				

CLIENT Alaska Gasoline Co.
 DATE DRILLED 10-11-99
 LOCATION Alameda
 HOLE DIAMETER 8"
 HOLE DEPTH 18'
 WELL DEPTH 17.90'
 WELL DIAMETER 2"
 ELEVATION 27.18'

LOGGED BY H. Schymiczek
 DRILLED BY West Hazmat
 DRILLING METHOD HSA
 SAMPLING METHOD Split Spoon
 CASING TYPE Sch. 40PVC
 SLOT SIZE 0.020"
 GRAVEL PACK #3 Sand

WELL COMPLETION DETAIL	MOISTURE CONTENT	BLOWS/FOOT	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
			0			ML	Approx. 2" asphalt. Sand, dk. brown, v.fine - to fine-grained, trace silt.
		4 5 6	5			SM	Silty sand, brown, v.fine - to med.-grained, no odor or stain; OVA=0
			10				
			15				
			20			SM	Silty sand, brown, v.fine - to med.-grained, trace clay. T.D.=18'
			25				
			30				
			35				
			40				

CLIENT Alaska Gasoline Co.
 DATE DRILLED 10-11-99
 LOCATION Alameda
 HOLE DIAMETER 8"
 HOLE DEPTH 20'
 WELL DEPTH 19.05'
 WELL DIAMETER 2"
 ELEVATION 25.30

LOGGED BY H. Schymiczek
 DRILLED BY WEST Hazmat
 DRILLING METHOD HSA
 SAMPLING METHOD Split Spoon
 CASING TYPE Sch. 40PVC
 SLOT SIZE 0.020"
 GRAVEL PACK #3 Sand

WELL COMPLETION DETAIL	MOISTURE CONTENT	BLOWS/FOOT	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
			0			ML	Approx. 2" asphalt Sand, dk. brown, v.fine - to fine-grained
		2	5	█			No recovery after two attempts.
		2				SM	Silty sand, grey, v.fine - to med.-grained.
		2	20				T.D.=20'
			25				
			30				
			35				
			40				

4/25/01 Notes: Be
1310 Central Ave Site

• DTW in berms range from 5.5-7'

beneath asphalt from $\sim 1/2'$ to GW
silty sand - (permeable.)

V. small pie shaped lot amongst
residential, will need offsite wells N & S of site.

- Shallow soil samples in offsite berms
are not meaningful (ND at $\sim 3-3 1/2'$)

- Are finding TPHd (is this diesel or gas?)

• Utilities may be impacted due to
shallow DTW - check utility map

- TPHd in waste oil pit sample was ND,
maybe it's not present in GW

- left considerable soil contamination in place

- probably could do some type of dual-phase
extraction if warranted.

or air sparge.

Printed: 04/23/97

***** Alameda County Department of Environmental Health *****
Deposit/Refund Account History

** PROJECT INFORMATION **

57id 3828

Project#: --3341B Date Open: 07/06/95 Date Closed:

Payor Information: _____ Site Information: _____

Petrotek
P O Box 612317
San Jose CA 95161

ALASKA DIE
1310 CENTRAL AVENUE
ALAMEDA CA 94501

** DEPOSIT HISTORY **

Deposit Date	Receipt#	Amount Received
07/06/95	759438	\$ 603.00
02/08/96	783174	\$ 1,494.00
11/13/96	779374	\$ 936.00

		\$ 3,033.00

** WORKLOG HISTORY **

Work Date	Insp	Activity Description / Time Spent (hrs)	Amount Charged
02/08/95	adm	administrative charge	1. 90.00
07/06/95	ls	installation plan review	0.5 45.00
07/18/95	ls	tank insall plan review	1. 90.00
07/18/95	ls	callw/prop.owner,contr.	0.5 45.00
07/27/95	ls	call w/contractor	0.25 22.50
08/10/95	dh	mess.w/LS file review	1.4 126.00
08/10/95	dh	call w/Fred re:line test	0.4 36.00
08/15/95	dh	Letter	0.2 18.00
08/24/95	dh	consult w/LS;pipe test	0.4 36.00
09/14/95	ls	percision test	2. 180.00
02/06/96	js	plan review	1.5 135.00
03/11/96	ls	plan review/review codes	6. 540.00
03/19/96	ls	close modif.file	1.5 270.00
04/30/96	js	on site tank removal	4.2 378.00
05/08/96	js	consult w/Petrotek	0.5 45.00
05/09/96	js	observe sampling	1. 90.00
05/20/96	js	oversee sampling	0.8 72.00
01/24/97	ls	meet w/Juliet	0.5 47.00
02/13/97	dh	consullt w/Fred	0.3 28.20
02/19/97	ls	pressure test	3. 282.00
02/25/97	ls	piping inspection	3. 282.00

			\$ 2,857.70

Balance:\$ 175.30 Amount Refunded: \$

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
DEPOSIT / REFUND ACCOUNT SHEET

printed 02/13/96

SITE INFORMATION

Alaska Oil
1310 Central Ave
Alameda 94501
Site Contact:
Site Phone :

StID: 3828 Site#: 3341
PROJECT#: 3341
PROJECT TYPE:*** R ***
INSP: Larry Seto
ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
Owner Phone :

PAYOR INFORMATION

Alaska Mart
5001 Cutting Blvd
Richmond CA 94804 #885
Payor Contact:
Payor Phone :

ENVIRONMENTAL HEALTH
AND SAFETY
96 JUN 10 AM 11:11

Date	Action Taken	Time In / Out	Hours Spent / Depstd	Hour Balance	Money Spent / Depositd	Money Balance
02/08/96	Admin Rcpt# 783174 Deposit of \$1,494.00 @ \$90/hour	1 hr.	+16.6	+16.61	1,494.00	1,494.00
02/08/96	Admin. Charge: 1 hour	1.00	15.61	1,404.00	1,404.00
2/16/96	Plan Review		1.5	14.11	135.00	1,269.00
4/30/96	Went out to site to observe tank removal. wrote up notes.		4.2	9.91	378.00	891.00
5/8/96	Spoke to Fred, Petroch, helped up some info for him + faxed him info		0.5	9.41	45.00	846.00
5/9/96	Went out to site to observe sampling beneath piping + wrote up notes		1	8.41	90.00	756.00
5/20/96	Went out to observe groundwater sampling Close Out. Transferred to LOP		0.8	7.61	70.00	686.00
6/9/96	Close out & Transfer to LOP					

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : Juliet Shinn ATTACH: State Forms A, B & C
DATE OF COMPLETION : 6/6/96 DATE SENT TO BILLING: 6/6/96
TOTAL COST OF PROJECT: \$ 810.00 REFUND AMOUNT: \$ 884.00 Rev. 5/95

* Billing adjustment forms needed when site is in our UST program.

INSPECTOR'S DAILY ACTIVITY REPORT

04/23/97
pg 3

InspDate	Init /Assoc	Site ID#	Insp Hours	Activ.	Company - Name / Zip
for Larry Seto UnitC					
07/06/95	LS -	3828	0.50	45	Alaska Gas/94501 1310 Central Ave Thursday : 0.5
					- installation plan review
07/07/95	LS -	3828	0.25	45	Alaska Gas/94501 1310 Central Ave Friday : 0.25
					- -0-
07/11/95	LS -	3828	0.25	45	Alaska Gas/94501 1310 Central Ave Tuesday : 0.25
					- -0-
07/12/95	LS -	3828	0.25	45	Alaska Gas/94501 1310 Central Ave Wednesday: 0.25
					- -0-
07/18/95	LS -	3828	1.00	45	Alaska Gas/94501 1310 Central Ave
					- UGT installation plan review
07/18/95	LS -	3828	0.50	45	Alaska Gas/94501 1310 Central Ave Tuesday : 1.5
					- phone with property owner and contractor
07/19/95	LS -	3828	0.25	45	Alaska Gas/94501 1310 Central Ave Wednesday: 0.25
					- -0-
07/27/95	LS -	3828	0.25	45	Alaska Gas/94501 1310 Central Ave Thursday : 0.25
					- Phone with contractor
09/14/95	LS -	3828	2.00	41	Alaska Gas/94501 1310 Central Ave Thursday : 2.
					- percison test
02/27/96	LS -	3828	0.50	45	Alaska Gas/94501 1310 Central Ave Tuesday : 0.5
					- -0-
03/08/96	LS -	3828	1.50	45	Alaska Gas/94501 1310 Central Ave Friday : 1.5
					- -0-
03/11/96	LS -	3828	6.00	41	Alaska Gas/94501 1310 Central Ave Monday : 6.
					- Plan review & reviewed codes
03/12/96	LS -	3828	0.50	45	Alaska Gas/94501 1310 Central Ave Tuesday : 0.5
					- -0-
03/19/96	LS -	3828	1.50	45	Alaska Gas/94501 1310 Central Ave Tuesday : 1.5
					- closed out modification file
10/22/96	LS -	3828	2.00	45	Alaska Gas/94501 1310 Central Ave Tuesday : 2.
					- -0-
10/23/96	LS -	3828	7.00	41	Alaska Gas/94501 1310 Central Ave Wednesday: 7.
					- -0-

INSPECTOR'S DAILY ACTIVITY REPORT

04/23/97

pg 2

InspDate	Init /Assoc	Site ID#	Insp Hours	Activ.	Company - Name / Zip
for Juliet M Shin UnitL					
04/30/96	JMS -	3828	4.20 ✓	45	Alaska Gas/94501 1310 Central Ave
- Went out to site to oversee tank removal. Difficulty in removing at least one of tanks. Wrote up notes					
05/08/96	JMS -	3828	0.50 ✓	45	Tuesday : 4.2 Alaska Gas/94501 1310 Central Ave
- Spoke to Fred Petrotek, looked up some info for him and faxed him info					
05/09/96	JMS -	3828	1.00 ✓	45	Wednesday: 0.5 Alaska Gas/94501 1310 Central Ave
- Went out to site to oversee sampling from beneath piping and took notes					
Total Hours:					5.70 from 3 entries

Larry
Info

AUGUST 4, 1997

TO: TOM PEACOCK

FROM: JULIET SHIN

HIGH PRIORITY CASES FOR MY ALAMEDA SITES:

4655
LS

o ✓ 620 Central Avenue, Alameda - Workplan is overdue to this office for contamination identified during the tank removal.

3000 LS

o ✓ 1310 Central Avenue, Alameda - Workplan is overdue to this office for contamination identified during the tank removal. Need to contact them right away and send an NOV.

2945 EC

o ✓ 2415 Mariner Square Dr., Alameda - This is a very complicated site, which is located immediately adjacent to the Inner Harbor. Please refer to the County's February 21, 1997 letter which lists in detail the additional work required at the site. The site has recently submitted a tank removal plan, which is being overseen by eva Chu.

3110 LS

o ✓ 2428 Central Avenue, Alameda - A risk assessment for the site was submitted in April 1997. This office contacted David Vossler in May 1997 and requested that they answer some questions regarding the risk assessment, which is outlined in the "contact log" in the files. David Vossler didn't get back to this office with the response, and this office once again contacted him in June 1997 and he said that he would submit the responses shortly. To this date, this office has not yet received answers to our questions regarding the risk assessment. The risk assessment, along with the case files, were forwarded to Madhulla Logan for review even without Mr. Vossler's response.

3140 EC

o ✓ 2006 Encinal Avenue, Alameda - A quarterly groundwater monitoring report is overdue to this office. Unfortunately, the case files for this site cannot be found. Maybe you'll have better luck finding them. It's important, since the plume concentrations appear to be increasing and the plume does not appear to be stable. Containment measures or further delineation may be required. I believe that the site received an LOC from the State Trust Fund.

Found.
Ron @
has it in
RM 201

4415 LS

o ✓ 2301 Encinal Avenue, Alameda - I believe that this site may turn into a Review Panel case. The R.P. has been recalcitrant in implementing the required work. A letter was sent to the R.P. in October 1996 requesting that a workplan be submitted for additional investigations into the elevated concentrations of lead in the groundwater. At this time, we are just requesting that the extent of this lead contamination be delineated.

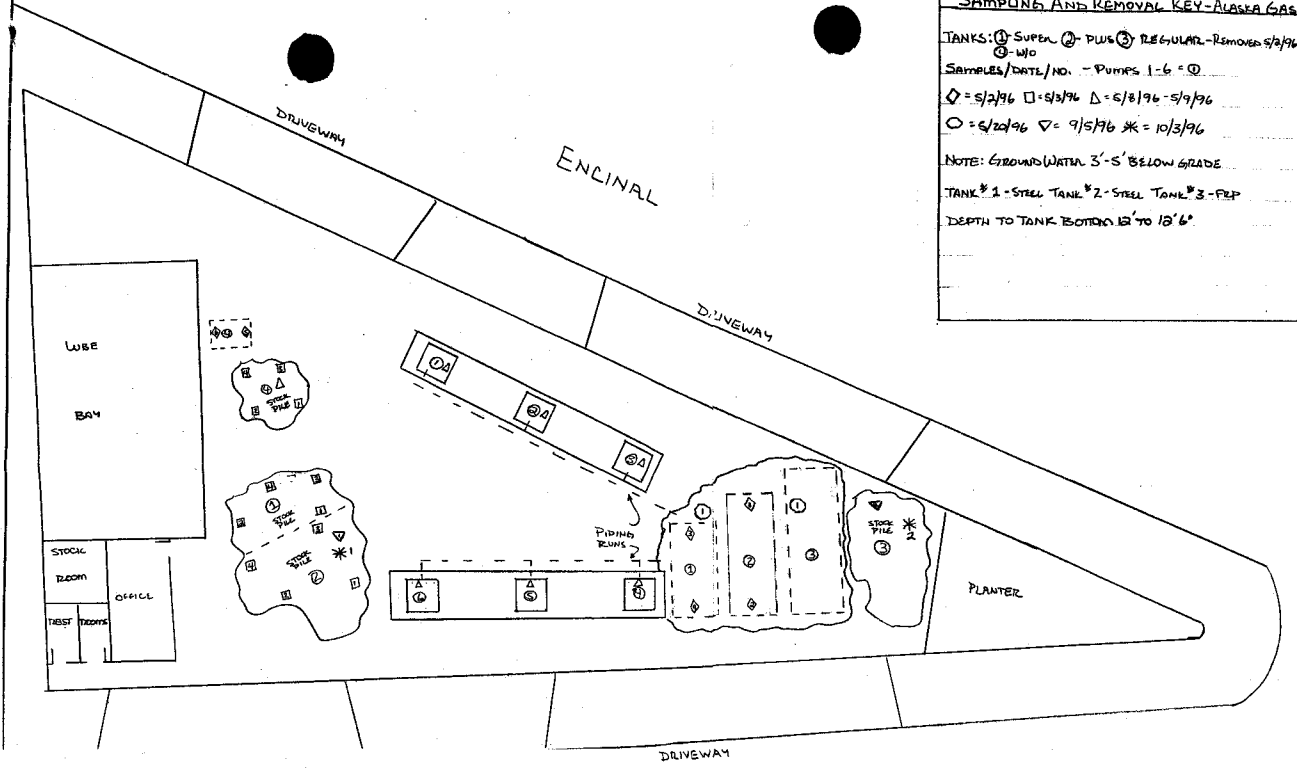
SAMPLING AND REMOVAL KEY - ALASKA GAS

TANKS: ① SUPER ② PLUS ③ REGULAR - REMOVED 5/9/96
 ④ - W/O

SAMPLES/DATE/NO. - PUMPS 1-6 = ①

◇ = 5/2/96 □ = 5/3/96 △ = 5/8/96 - 5/9/96
 ○ = 5/22/96 ▽ = 9/5/96 * = 10/3/96

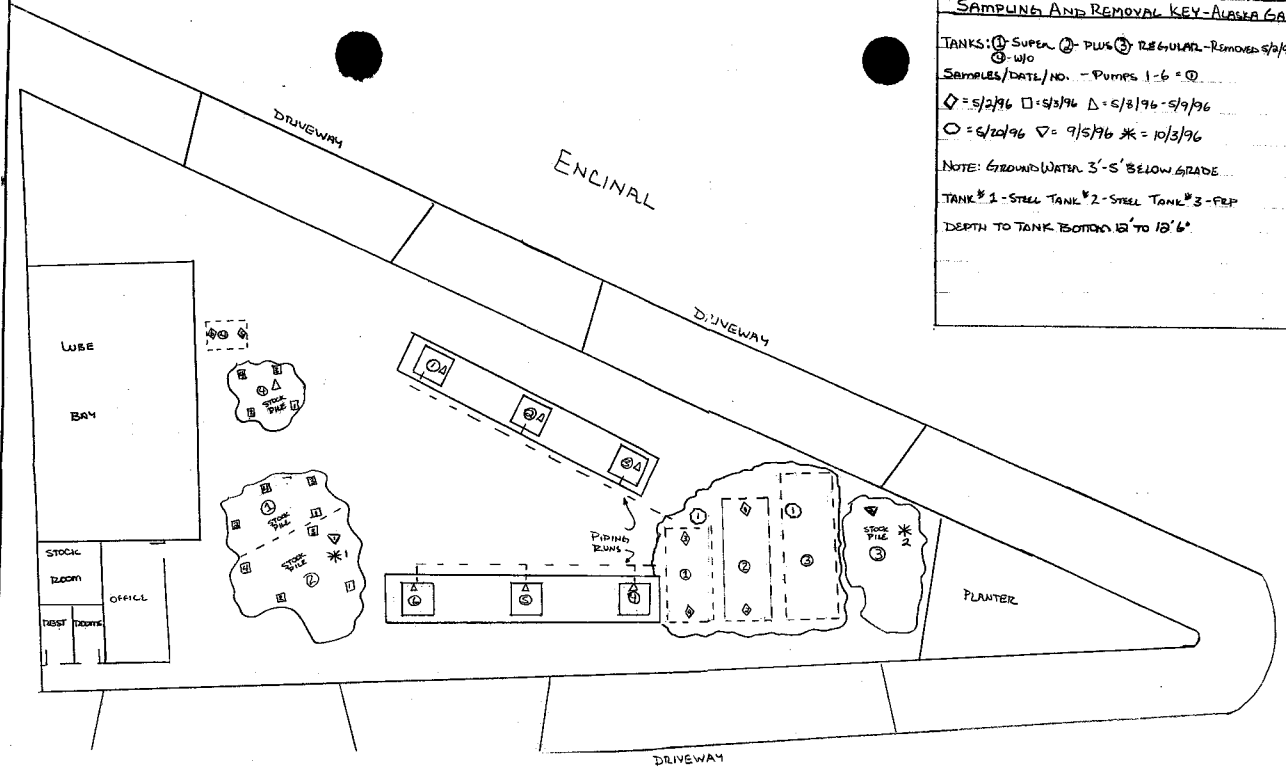
NOTE: GROUNDWATER 3'-5' BELOW GRADE
 TANK #1 - STEEL TANK #2 - STEEL TANK #3 - FIB
 DEPTH TO TANK ISOTHERM 12' TO 18' 6"



ALASKA GASOLINE		
SCALE: 1" = 10'	APPROVED BY:	DRAWN BY: FRED
DATE:		REVISED:
1310 CENTRAL AVE. ALAMEDA		
SAMPLING, SITE MAP		DRAWING NUMBER: 2

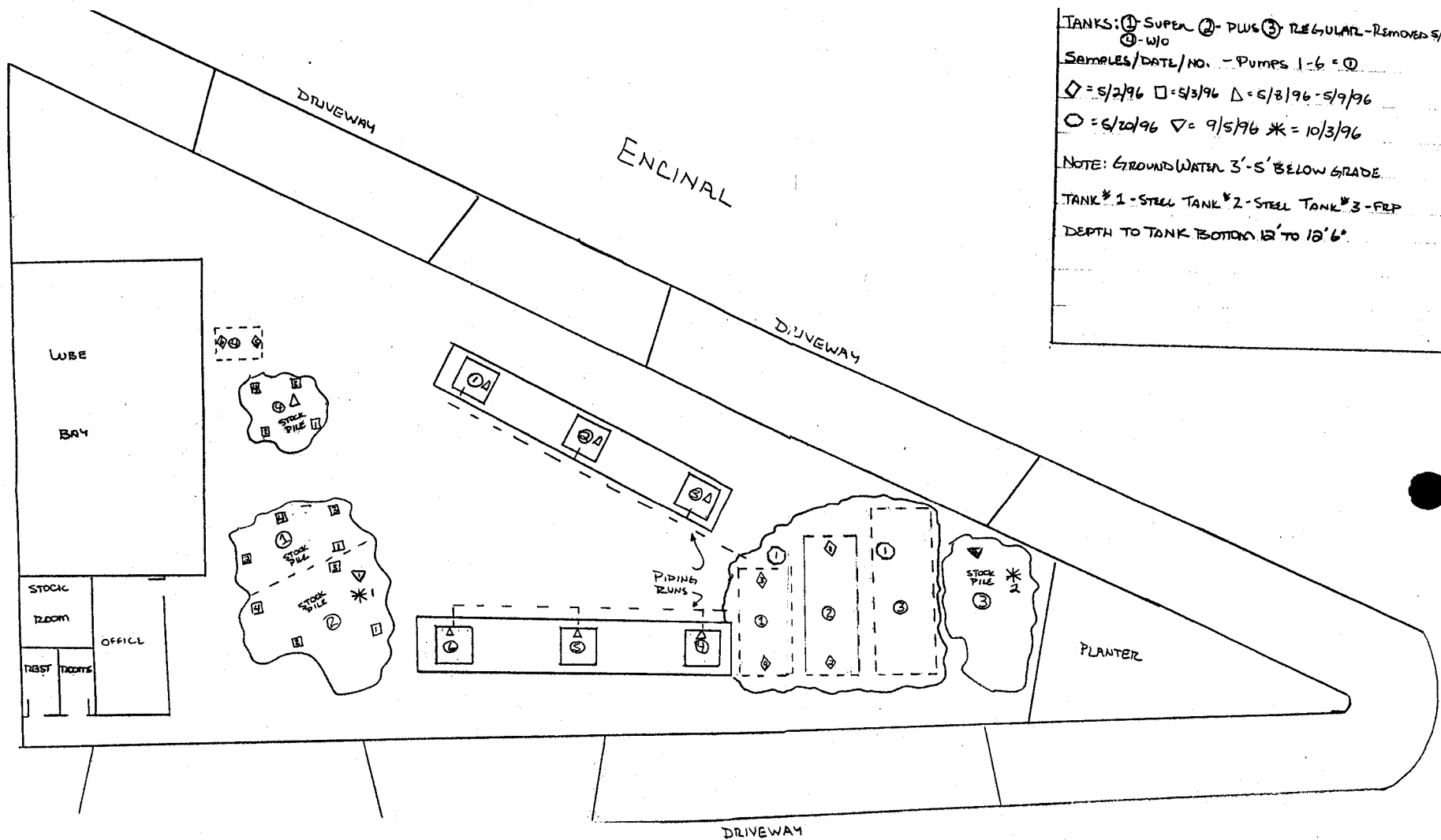
SAMPLING AND REMOVAL KEY-ALASKA GAS

TANKS: ① SUPER ② PLUS ③ REGULAR-REMOVED 5/9/96
 ④ W/O
 SAMPLES/DATE/NO. - PUMPS 1-6 = ①
 ◇ = 5/2/96 □ = 5/3/96 △ = 5/8/96-5/9/96
 ○ = 6/2/96 ▽ = 7/5/96 * = 10/3/96
 NOTE: GROUNDWATER 3'-5' BELOW GRADE
 TANK # 1-STEEL TANK # 2-STEEL TANK # 3-FIBER
 DEPTH TO TANK BOTTOM 12' TO 18' 6"



ALASKA GASOLINE		
SCALE: 1"=10'	APPROVED BY:	DRAWN BY: FRED
DATE:		REVISED:
1310 CENTRAL AVE. ALAMEDA		
SAMPLING, SITE MAP		DRAWING NUMBER: 2

Title:	Environmental Health Services				
Purpose:	Actual Cost Of Honoring a Subpoena				
Requested By:	Bill Jones, ESQ.				
Period:	As Indicated				
Case:	Jones v Dyer				
Employee:	J.A. Smith				
Court Location:	Oakland				
Date:					
Time:					
			Miles	Mileage	
			Traveled	Fee	Costs
Date	Description	Hours			
09/02/98	Received & reviewed subpoena	0.2			\$ 6.17
09/03/98	Retreived file(s)	0.3			9.25
09/14/98	Reviewed file(s) for Hearing	1.6			49.34
09/16/98	Travel time to/from hearing	0.6			18.50
09/16/98	Appeared in court or on standby	3.0			92.52
09/17/98	Travel time to/from hearing	0.6			18.50
09/17/98	Appeared in court or on standby	2.8			86.35
09/18/98	Case Settled See Attached Letter				
09/21/98	Prepared invoice for Attorney	1.3			40.09
09/22/98	Refiled file(s)	0.2			6.17
09/16/98	Mileage		19.0	\$ 0.27	5.13
09/17/98	Mileage		19.0	0.27	5.13
09/16/98	Parking and Tolls				3.65
09/17/98	Parking and Tolls				2.30
	Costs Related to Subpoena				\$ 343.10
	Payments Received				(150.00)
	Amount Due				\$193.10
	I hereby certify that the information indicated above reflects the actual time and cost associated with the above noted subpoena.				
	Signature		Date		



TANKS: ①-SUPER ②-PLUS ③-REGULAR-REMOVED 5/3/96
 ④-W/O

SAMPLES/DATE/NO. - PUMPS 1-6 = ①

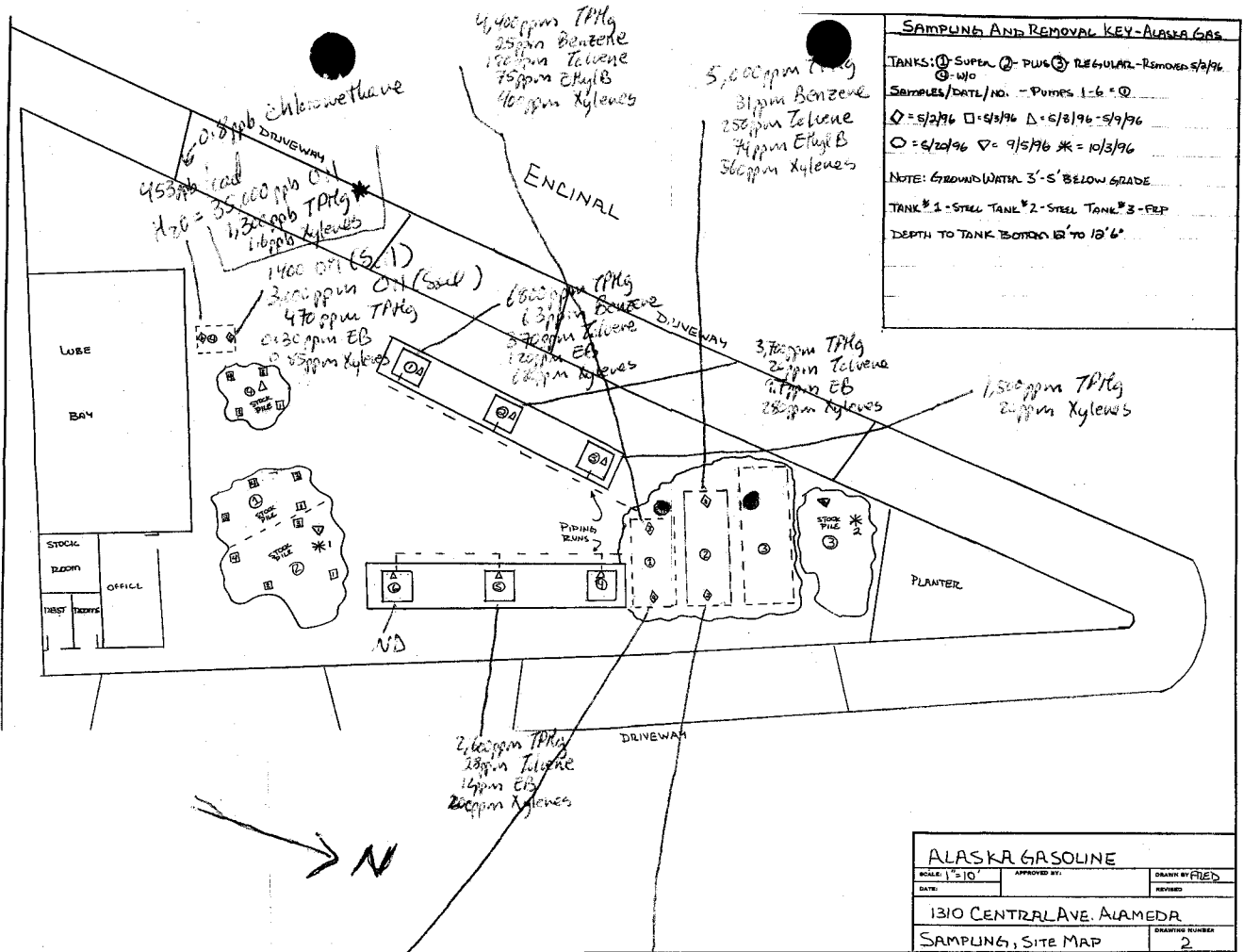
◇ = 5/2/96 □ = 5/3/96 △ = 5/8/96-5/9/96
 ○ = 5/20/96 ▽ = 9/5/96 * = 10/3/96

NOTE: GROUNDWATER 3'-5' BELOW GRADE

TANK #1-STEEL TANK #2-STEEL TANK #3-FRP

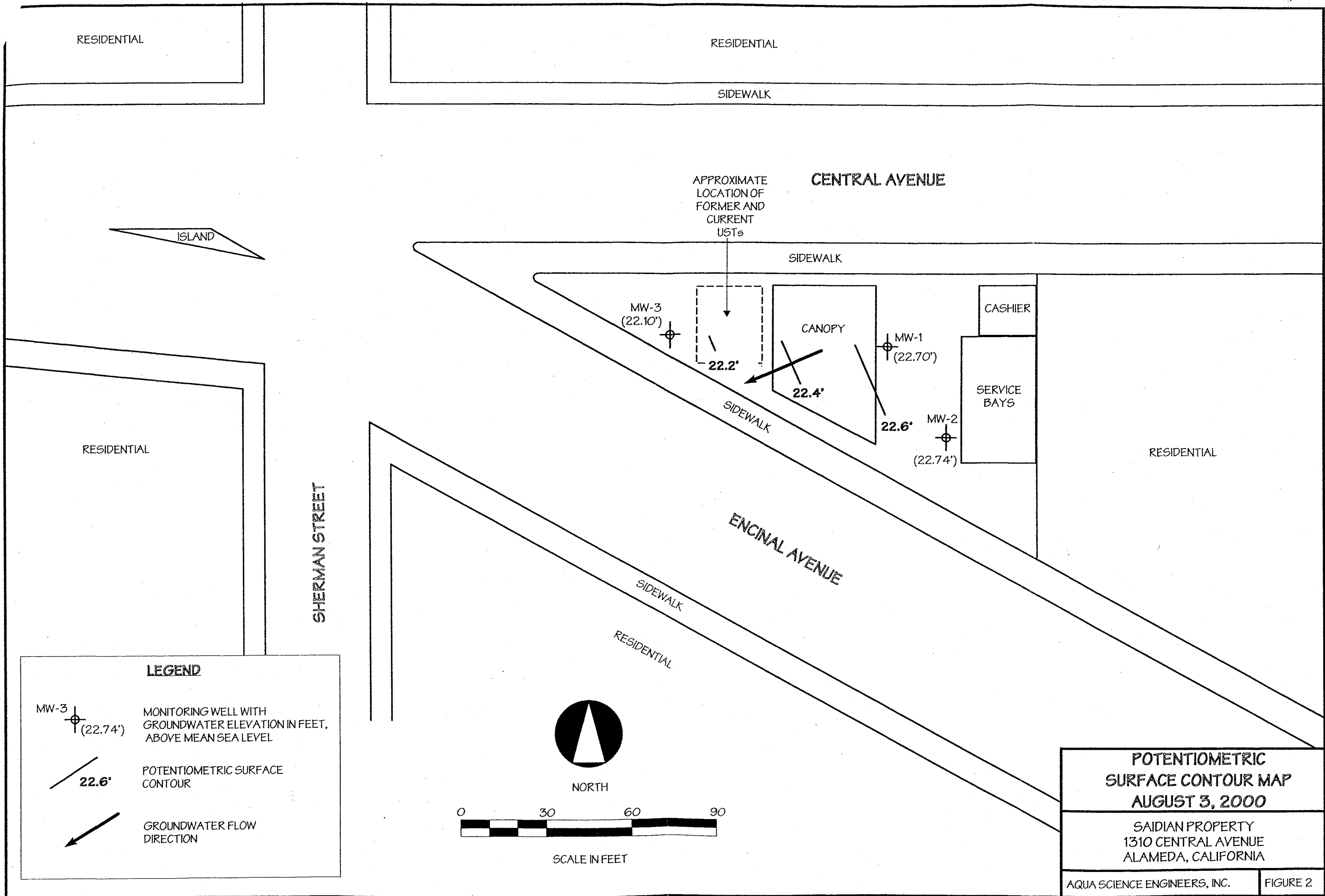
DEPTH TO TANK BOTTOM 12' TO 18' 6"

ALASKA GASOLINE		
SCALE: 1" = 10'	APPROVED BY:	DRAWN BY: FRED
DATE:		REVISED:
1310 CENTRAL AVE. ALAMEDA		
SAMPLING, SITE MAP		DRAWING NUMBER 2



* Not typical Crack pattern

• 2,800ppb TPHg
 100ppb Benzene
 60ppb Toluene
 560ppb Xylenes } Crack Water Sample



RESIDENTIAL

RESIDENTIAL

SIDEWALK

CENTRAL AVENUE

APPROXIMATE
LOCATION OF
FORMER AND
CURRENT
USTs

ISLAND

SIDEWALK

MW-3
(22.10')

MW-1
(22.70')

CASHIER

22.2'

22.4'

22.6'

SERVICE
BAYS

MW-2
(22.74')

RESIDENTIAL

RESIDENTIAL

SHERMAN STREET

ENCINAL AVENUE

SIDEWALK

RESIDENTIAL

LEGEND

MW-3
⊕
(22.74')

MONITORING WELL WITH
GROUNDWATER ELEVATION IN FEET,
ABOVE MEAN SEA LEVEL

22.6'

POTENTIOMETRIC SURFACE
CONTOUR

↙

GROUNDWATER FLOW
DIRECTION



NORTH



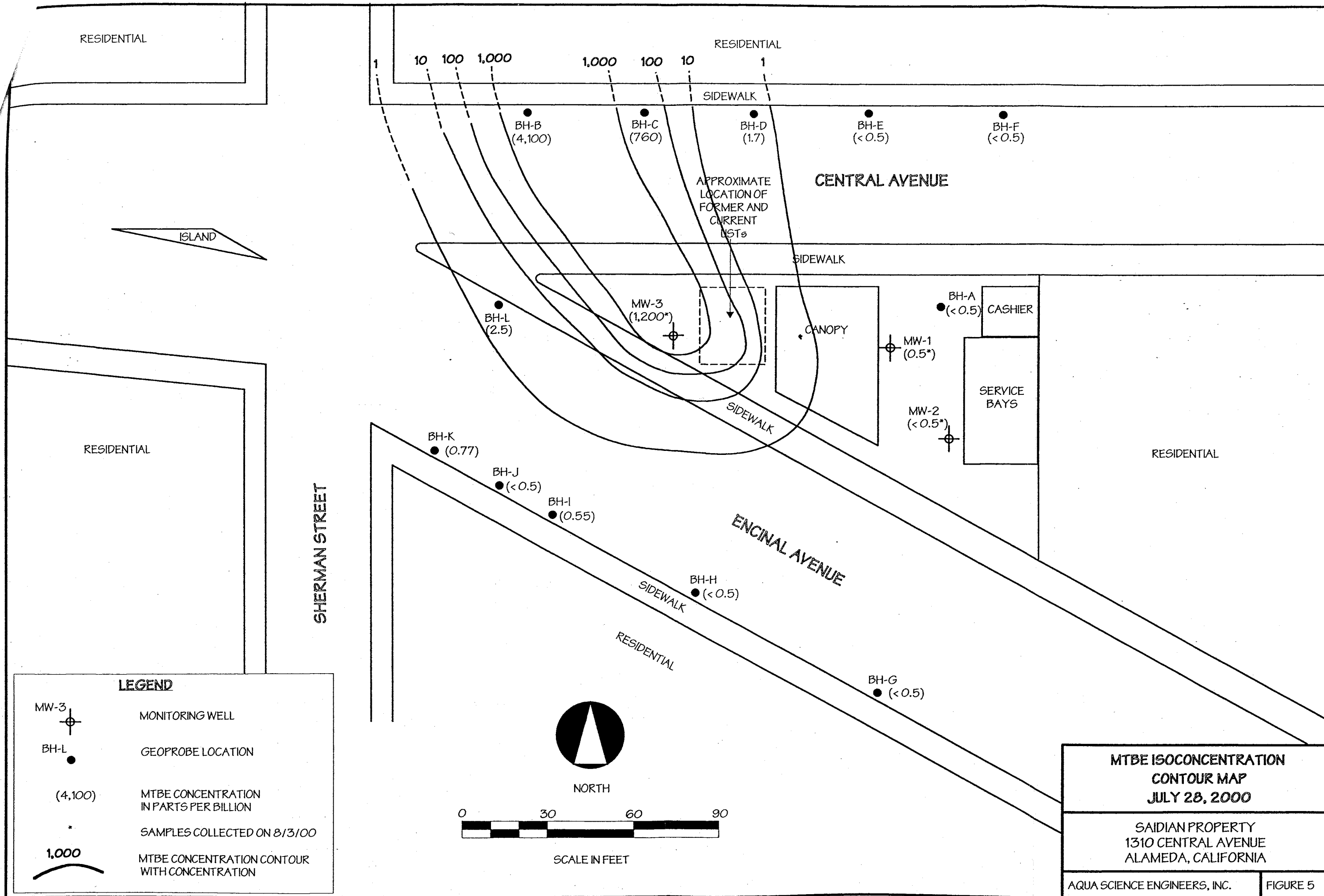
SCALE IN FEET

**POTENTIOMETRIC
SURFACE CONTOUR MAP
AUGUST 3, 2000**

SAIDIAN PROPERTY
1310 CENTRAL AVENUE
ALAMEDA, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC.

FIGURE 2



RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

ISLAND

APPROXIMATE LOCATION OF FORMER AND CURRENT NSTs

CENTRAL AVENUE

ENCINAL AVENUE



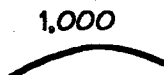
SHERMAN STREET

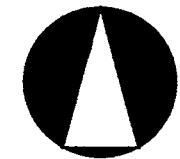
CASHIER

SERVICE BAYS

CANOPY

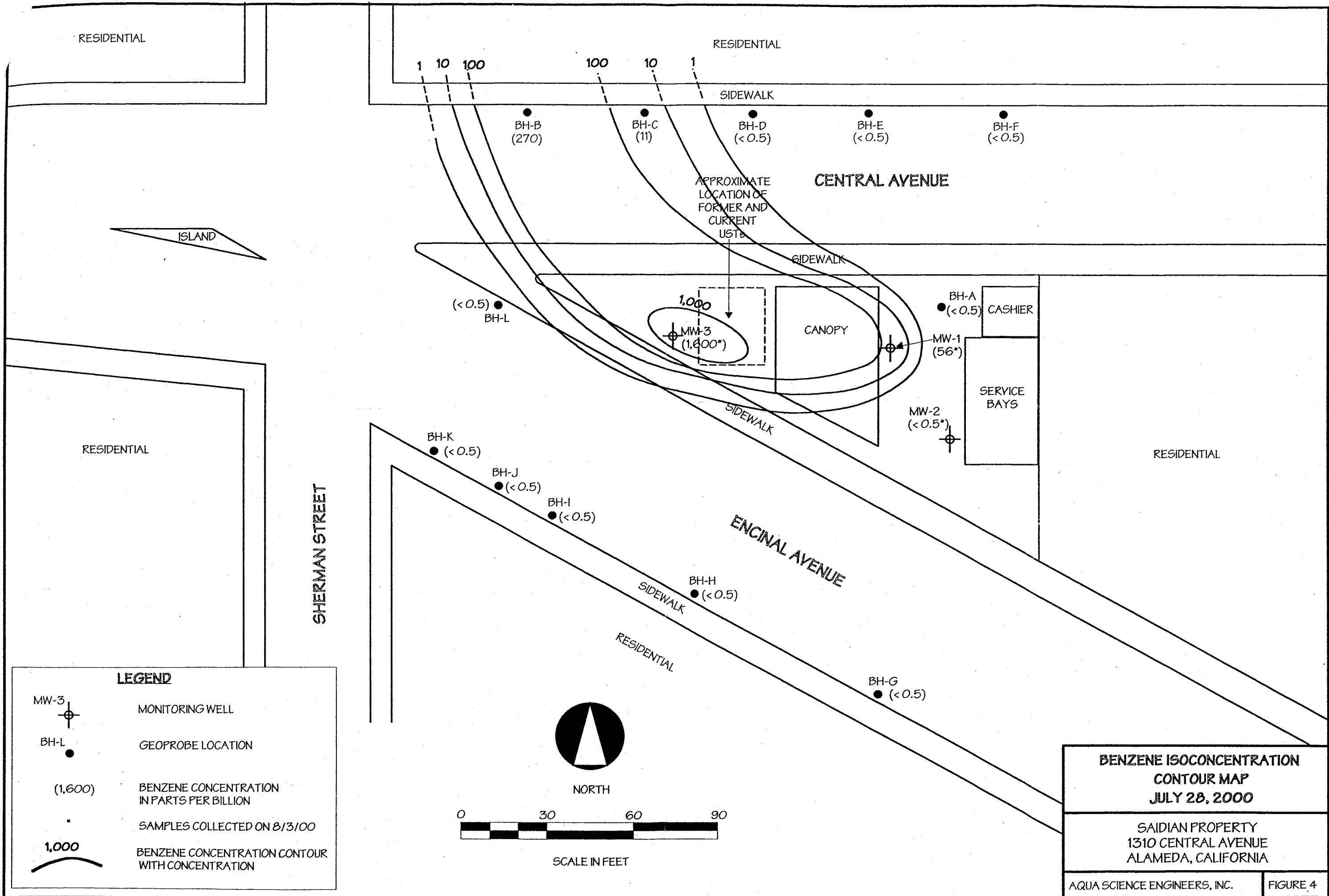
LEGEND

- MW-3  MONITORING WELL
- BH-L  GEOPROBE LOCATION
- (4,100) MTBE CONCENTRATION IN PARTS PER BILLION
- SAMPLES COLLECTED ON 8/3/00
- 1,000  MTBE CONCENTRATION CONTOUR WITH CONCENTRATION



SCALE IN FEET

MTBE ISOCONCENTRATION CONTOUR MAP JULY 28, 2000	
SAIDIAN PROPERTY 1310 CENTRAL AVENUE ALAMEDA, CALIFORNIA	
AQUA SCIENCE ENGINEERS, INC.	FIGURE 5



RESIDENTIAL

RESIDENTIAL

1 10 100

100 10 1

SIDEWALK

BH-B
(270)

BH-C
(11)

BH-D
(<0.5)

BH-E
(<0.5)

BH-F
(<0.5)

CENTRAL AVENUE

APPROXIMATE
LOCATION OF
FORMER AND
CURRENT
USTS

ISLAND

SIDEWALK

(<0.5)
BH-L

1,000
MW-3
(1,600*)

BH-A
(<0.5)

CASHIER

MW-1
(56*)

SERVICE
BAYS

MW-2
(<0.5 *)

SIDEWALK

RESIDENTIAL

RESIDENTIAL

SHERMAN STREET

BH-K
(<0.5)

BH-J
(<0.5)

BH-I
(<0.5)

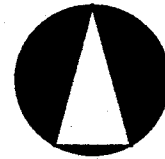
ENCINAL AVENUE

BH-H
(<0.5)

SIDEWALK

RESIDENTIAL

BH-G
(<0.5)



SCALE IN FEET

RESIDENTIAL

RESIDENTIAL

SIDEWALK

BH-B

BH-C

BH-D

BH-E

BH-F

CENTRAL AVENUE

APPROXIMATE LOCATION OF FORMER AND CURRENT USTs

ISLAND

SIDEWALK

BH-L

MW-3

CANOPY

BH-A

CASHIER

MW-1

SERVICE BAYS

RESIDENTIAL

RESIDENTIAL

BH-K

BH-J

BH-I

ENCINAL AVENUE

BH-H

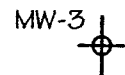
SHERMAN STREET

SIDEWALK

BH-G

RESIDENTIAL

LEGEND



MONITORING WELL

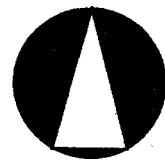


GEOPROBE LOCATION



GROUNDWATER FLOW DIRECTION

Contaminates in groundwater



NORTH



SCALE IN FEET

SOIL BORING LOCATION MAP

SAIDIAN PROPERTY
1310 CENTRAL AVENUE
ALAMEDA, CALIFORNIA