

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 12/28/99
Including cc's

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

December 17, 1999

Mr. Odili Ojukwu
City of Oakland
250 Ogawa Plaza, Ste. 5301
Oakland, CA 94612

REMEDIAL ACTION COMPLETION CERTIFICATION

Stid 3662
637 Beacon St., Oakland, CA 94610

1000 gal heating oil removed 2/17/89

Dear Mr. Ojukwu:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated. Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Section 2721(e) of the California Code of Regulations.
Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

c: Chuck Headlee, RWQCB
Dave Deaner, SWRCB
Leroy Griffin, OFD
file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 12/28/99
Including cc's

R0777

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

December 17, 1999

Odili Ojukwu, P.E., Environmental Program Specialist
City of Oakland
250 Ogawa Plaza, Suite 5301
Oakland, CA 94612

Re: Fuel Leak Site Case Closure for 637 Beacon St., Oakland, CA 94610;
Stid 3662

Dear Mr. Ojukwu:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- up to 6900 ppm TPH as diesel, and 0.006 ppm toluene exists in soil beneath the site. (sampled October 1989)

If you have any questions, please contact me at (510) 567-6746.


Don Hwang
Hazardous Materials Specialist

Enclosures: 1. Remedial Action Completion Certificate 2. Case Closure Summary

C: Frank Kliwer, City of Oakland, Planning Dept., 1330 Broadway, 2nd Floor, Oakland, CA 94612

PROTECTION

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

OCT 26 PM 3:56

I. AGENCY INFORMATION

Date: September 7, 1999

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy

City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6746

Responsible staff person: Don Hwang Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: City of Oakland

Site facility address: 637 Beacon St., Oakland, CA 94610

RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3662

URF filing date: 9/28/92 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Catherine & George Kong	637 Beacon St., Oakland, CA 94610	(510) 531-6094
City of Oakland Public Works Agency,	250 Frank H. Ogawa Plaza, Suite 5301, Oakland, CA 94612	
Environmental Div. Attn: Joseph Cotton		(510) 238-6259
Engineering Design Div. Attn: Fuad Sweiss		(510) 238-6607

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
	1,000	heating oil	removed	2/17/89

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: tank leak, undetermined

Site characterization complete? YES

Date approved by oversight agency:

Monitoring Wells installed? YES Number: 1

Proper screened interval? YES

Highest GW depth below ground surface: 19 ft Lowest depth: 19 ft

Flow direction: assumed west/southwest (west/ southwest:3026 Lakeshore Ave.; west:3220 Lakeshore Ave.)

Most sensitive current use: undetermined

Are drinking water wells affected? no Aquifer name: na

Is surface water affected? no Nearest affected SW name: na

Off-site beneficial use impacts (addresses/locations): na

Report(s) on file? YES Where is report(s) filed?

Alameda County, 1131 Harbor Bay Pkwy, Alameda, CA 94502 and

The City of Oakland Fire Services, 1603 Martin Luther King, Fire Station 1, Oakland CA 94612

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>	
Tank	1	Disposal	2/17/89	
		H&H Ship Service, 220 China Basin, San Francisco, CA 94107		
Soil	18 y	Disposal	3/7/89	
		Camalia Resources, Camalia, CA		
Barrels of drilling Cuttings	5	undocumented		
	4	Disposal	3/5/99	
		McKittrick Waste Trmt. Site, 58533 Hwy 58, McKittrick, CA 93251		
Maximum Documented Contaminant Concentrations - - Before and After Cleanup				
Contaminant	Soil (ppm)		Water (ppb)	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Diesel)	2500 ¹	6900 ³	NT ⁵	ND ⁶
Benzene	ND ^{1,2}	ND ^{3,4}	NT ⁵	NT ⁵
Toluene	ND ^{1,2}	0.006 ⁴	NT ⁵	NT ⁵
Ethylbenzene	ND ^{1,2}	ND ^{3,4}	NT ⁵	NT ⁵
Xylenes	.29 ²	ND ^{3,4}	NT ⁵	NT ⁵
Methyl Tertiary-Butyl Ether (MTBE)	NT ⁵	NT ⁵	NT ⁵	ND ⁷

¹ soil sample, RP-1, collected 2/17/89 at 7 ft. 10" below ground surface (BGS)

² soil sample, RP-3, collected 2/17/89 at 9.5 ft. BGS

³ soil boring, B5-1B, collected 10/12/89 at 8 ft. BGS

⁴ soil borings, MWC, B1-D, collected 10/10/89 at 16 ft. BGS, and at 21 ft., respectively

⁵ not tested

⁶ water sample, MW#1, collected 11/26/89 from MW-1

⁷ water sample, MW-1, collected 7/8/99 from MW-1

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? _____

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? _____

Does corrective action protect public health for current land use? YES

Site management requirements: A site safety plan must be prepared for construction workers in the event excavation/trenching is proposed in the vicinity of residual soil and groundwater contamination.

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommissioned: yes

Number Decommissioned: 1 Number Retained: 0

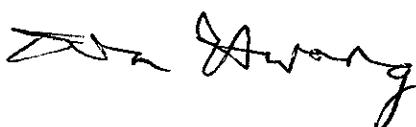
List enforcement actions taken: none

List enforcement actions rescinded: none

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Don Hwang

Title: Haz Mat Specialist

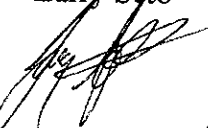
Signature: 

Date: 9/7/99

Reviewed by

Name: Larry Seto


Title: Senior Haz Mat Specialist

Signature: 

Date: 9/8/99

Name: Thomas Peacock

Title: Supervisor

Signature: 

Date: 9-23-99

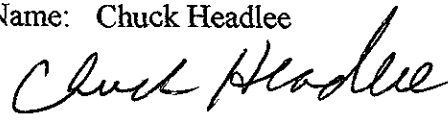
VI. RWQCB NOTIFICATION

Date Submitted to RB: 10/8/99

RB Response:

RWQCB Staff Name: Chuck Headlee

Title: EG

Signature: 

Date: 10/15/99

VII. ADDITIONAL COMMENTS, DATA, ETC.

On Dec. 6, 1988, a contractor, Ranger Pipeline, hired by the City of Oakland to excavate for a sewer line, ruptured a 1,000 gal. fuel oil underground storage tank, releasing its contents of as much as 500 gal. into the surrounding soil behind the residence of Catherine & George Kong at 637 Beacon St., Oakland, CA. The top of the tank was found ripped open. The tank was removed on Feb. 17, 1989. The clay soil beneath the tank was stained and smelled of petroleum. A soil sample collected 1 ft. below the center of the tank, at a depth of 94 inch., RP-1, had Total Petroleum Hydrocarbon-Diesel (TPH-D) at 2,500 ppm; Benzene, Toluene, Ethylbenzene, were NonDetect (ND); Xylene was 0.076 ppm. The soil sample collected at the fill end of the tank, at a depth of 106 inch., RP-2, had TPH-D at 340 ppm; Benzene, Toluene, Ethylbenzene were ND; Xylene was 0.250 ppm. After additional excavation, another soil sample collected below the center of the tank, at a depth of 114 inch., RP-3, had TPH-D at 820 ppm; Benzene, Toluene, Ethylbenzene were ND; Xylene was 0.290 ppm. 21 tons of obviously contaminated soil surrounding the tank were removed and transported to Casmalia Resources Landfill, Casmalia, Ca. In Oct. 1989, 6 soil borings, B1, B2, B3, B4, B5, B6, and MW-1, with one of the borings, MW-1, converted into a groundwater monitoring well, were installed by the tank pit. The borings were sampled at 5 ft. intervals to a depth of 21 ft. BGS. The two borings adjacent to the pit, B2 and B5, had TPH-D ranging from 46 – 6900 ppm between 5 – 15 ft. BGS, the other samples, B1, B3, and B4, were ND for TPH-D and Benzene, Toluene, Ethylbenzene, Xylene (BTEX). One groundwater sample, MW#1, was collected. The sample was ND for TPH-D, BTEX was not analyzed.

On July 20, 1999, a groundwater sample was collected and analyzed for Methyl Tertiary-Butyl Ether (MTBE). It was NonDetect.

In summary, case closure is recommended because:

- o the leak and ongoing sources have been removed;
- o the site has been adequately characterized;
- o no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- o the site presents no significant risk to human health or the environment.

#071 P06

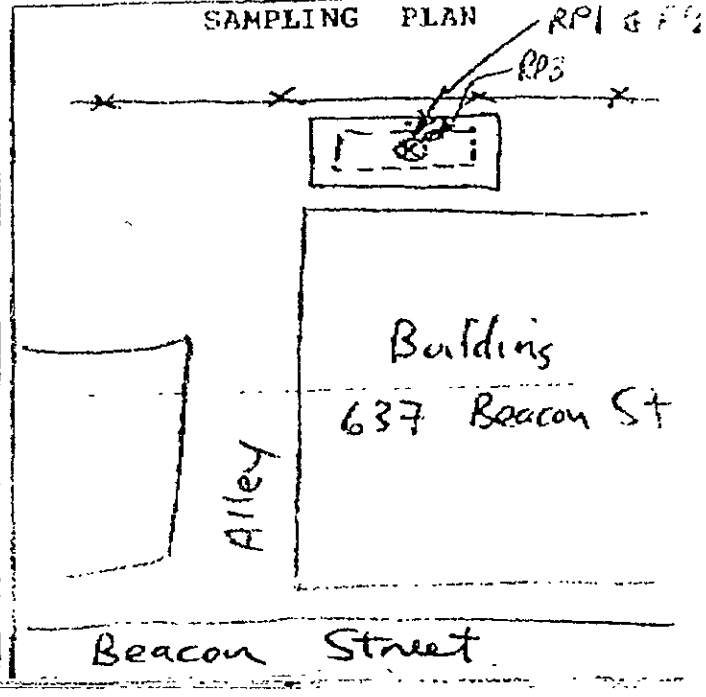
APR-28-'89 FRI 14:28 ID:OPW CONSTRUCTION

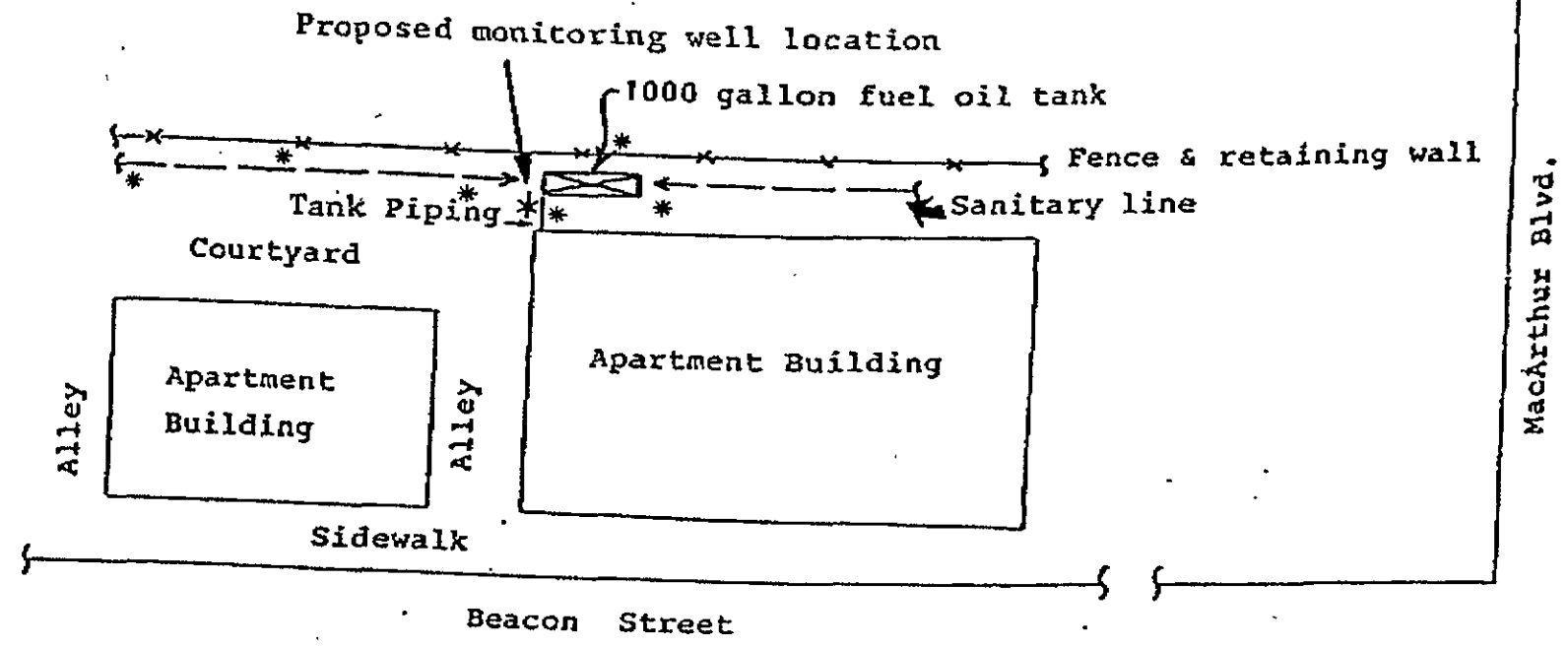
PROJECT CONTACT: MARK YOUNGKIN
 TURNAROUND TIME: 10 WORK DAYS | DATE DUE: 3/7/89

SAMPLE I.D.	DATE	TIME	CONTAINER	MATRIX	DEPTH	LOCATION	ANALYSIS
RP-1	2-17-89	9:40am	2"x3" liner	Soil	94"	Center of tank 1' below tank	TPH as diesel w BTEX
RP-2	2-17-89	10:30am	2"x3" liner	Soil	106"	Fill end tank center of tank	TPH as diesel w/ BTEX
RP-3	2-17-89	5:30pm	2"x3" liner	Soil	114"		TPH as diesel w/ BTEX

PRESERVATIVE: None | SAMPLER: Mark Youngkin
 WITNESS: Gil Wistar - Alameda County

CHAIN OF POSSESSION		
RELINQUISHED BY SAMPLER	Mark Youngkin	DATE: 2/20/89 TIME: 3:07
RECEIVED BY	AFFILIATION	DATE
RELINQUISHED BY		DATE
RECEIVED BY LABORATORY		DATE
LAB NAME: TRACE ANALYTICAL LAB	CONTACT: Parvush	2-22-89 3:07PM
ADDRESS: 3423 INVESTMENT Blvd, Hayward, CA		
REMARKS: RP-1 Brown Turbine color only		





- * Groundwater monitoring well
- * Soils boring wells

<i>Geo-Environmental Technology</i>		
SCALE: None	SITE MAP	DRAWN BY SGS
DATE: 1-26-89		REVISED 8-3-89
637 Beacon Street Oakland, California		
260 Cristich Lane Campbell, CA 95008 (408) 559-1220		Plate 1

DATE: 3/29/89
 LOG NO.: 7048
 DATE SAMPLED: 2/17/89
 DATE RECEIVED: 2/22/89

Environmental Technology
 Mark Youngkin
 Banger Pipeline

Sample Type: Soil

Units	RP-1		RP-2		RP-3	
	Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
ug/kg	2,500,000	4,000	340,000	4,000	920,000	4,000
ug/kg		5	< 6	5	< 6	
ug/kg		6	< 6	6	< 6	
ug/kg		30	250	30	290	
ug/kg		7	< 7	7	< 7	

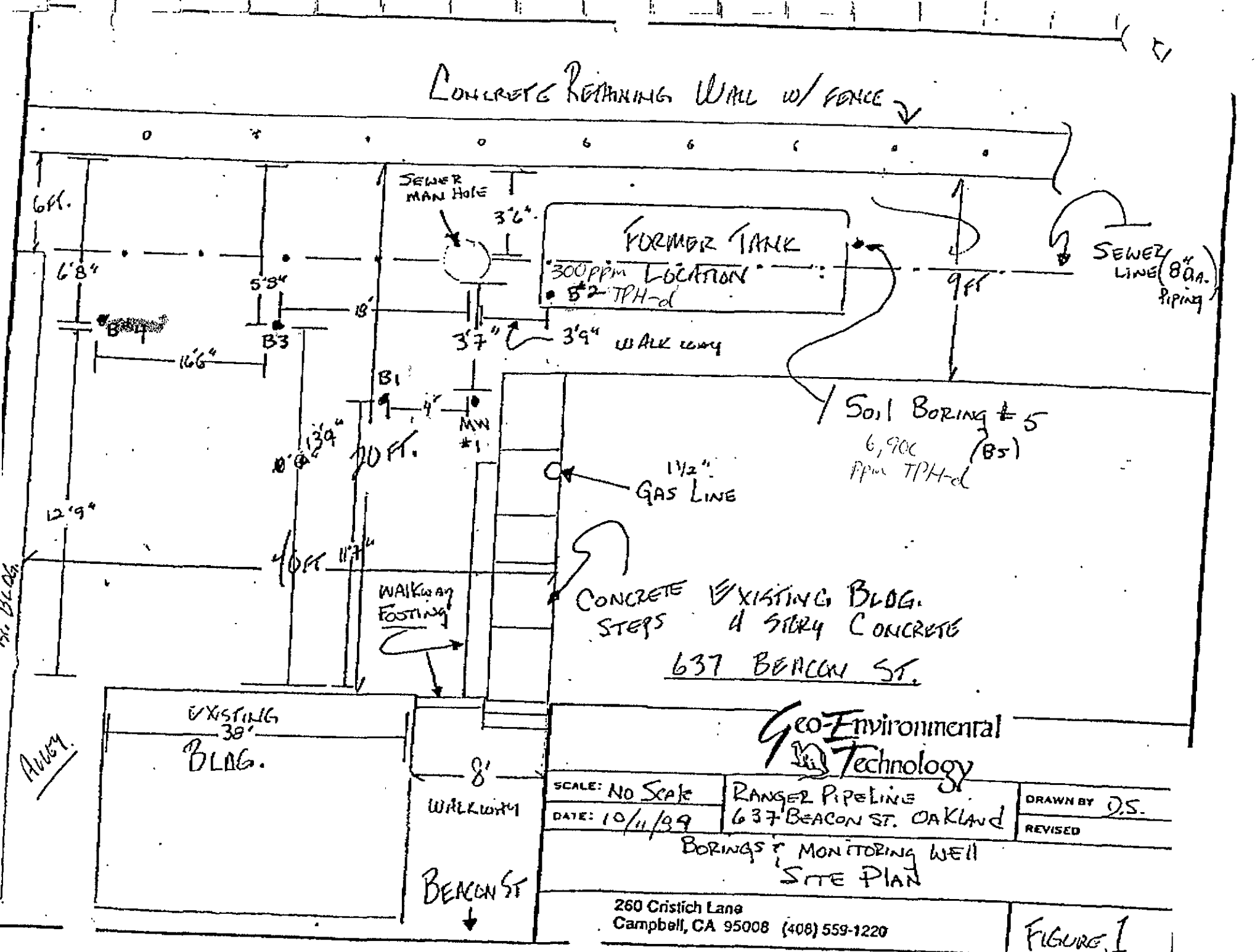
Method 8020:



Dan Fara

DF:vs

CONCRETE RETAINING WALL w/ FENCE



Geo-Environmental Technology

SCALE: NO SCALE

DATE: 10/11/99

RANGER PIPELINE
637 BEACON ST. OAKLAND

DRAWN BY J.S.

REVISED

BORINGS & MONITORING WELL
SITE PLAN

260 Cristich Lane
Campbell, CA 95008 (408) 559-1220

FIGURE I

*this doesn't
make sense
w/next
page*

*copy of
report
not
report*

TABLE ONE

SAMPLE ANALYTICAL RESULTS*

TESTS PERFORMED

Date	SMP ID	Type	TPHD 3510	Benzine 8020	Toluene 8020	EthylB 8020	Xylene 8020
10/10/89	MWA	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	MWB	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	MWC	S	ND ✓	ND ✓	6 ✓	ND ✓	ND ✓
10/10/89	MWD	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	MWE	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	MWF	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	MWG	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	B1-A 3	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/98	B1-B 11	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/10/89	B1-C 16	S	ND ✓	ND ✓	5 ✓	ND ✓	ND ✓
10/10/89	B1-D 21	S	ND ✓	ND ✓	6 ✓	ND ✓	ND ✓
10/11/89	B2-A 5	S	3000000 ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B2-B 10	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B2-C 15	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B2-D 20	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B3-A	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B3-B	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B3-D	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B4-A	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B4-C	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/11/89	B4-D	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/12/89	B5-A	S	46000 ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/12/89	B5-1B 8	S	6900000 ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/12/89	B5-2B 9	S	5900000 ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/12/89	B5-C	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
10/12/89	B5-D	S	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
11/26/89	MW#1	W	ND ✓				
11/26/89	BLANK	W	ND ✓				

*TPH-d
ppm*

300

*46
6,900
5,900*

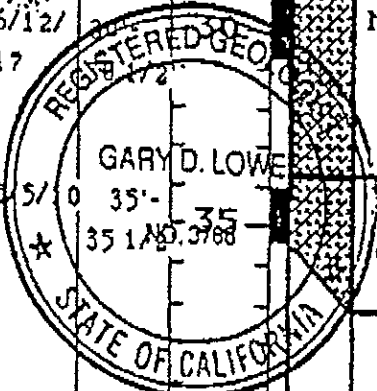
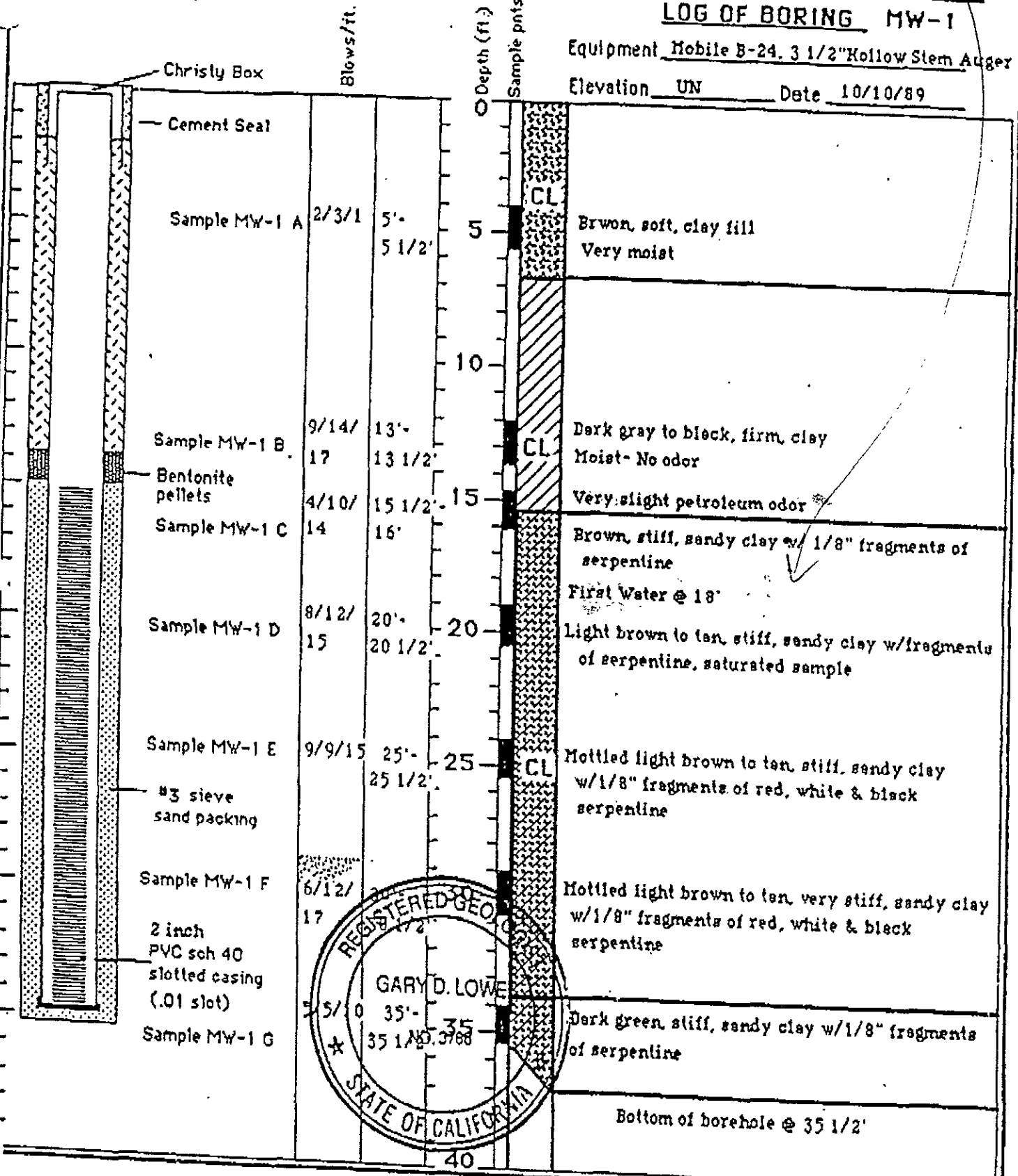
*Results reported in parts per billion (PPB)

where is
grit? 16-5'

Well Installation Diagram

LOG OF BORING MW-1

Equipment Mobile B-24, 3 1/2" Hollow Stem Auger
Elevation UN Date 10/10/89



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Logged by: M.J. King

Geologist: Gary Lowe, R.G.

Borehole MW-1

Job No

LOG OF BORING B-1

Equipment Mobile B-24, 6" Flite Auger

Elevation UN Date 10/10/89

Interval sampled for
Chemical Analysis

Laboratory Analyses

Blows/ft.	Chemical Sample Interval *	Depth (ft.)	Sample pits
3/4/5	5'-5 1/2'	5	CH
4/5/7	11'-11 1/2'	10	CH
8/12/14	15 1/2'-16'	15	SC
10/12/16	21'-21 1/2'	20	SC

Soil Sample B-1 A

Brown, soft, clay- moist, no odor

Soil Sample B-1 B

Dark gray, firm, clay- very moist
no odor, no discoloration

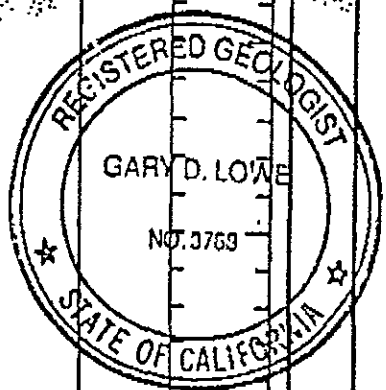
Soil Sample B-1 C

Mottled light brown to tan, moderately dense,
clayey sand w/fragments of white to red chert
First Water @ 18 1/2'

Soil Sample B-1 D

Mottled brown to tan, dense, clayey sand
w/fragments of white to red chert

Bottom of borehole @ 21 1/2'



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Designed by: M. King

Geologist: Gary Lowe, R.G.

Borehole B-1

Interval sampled for
Chemical Analysis

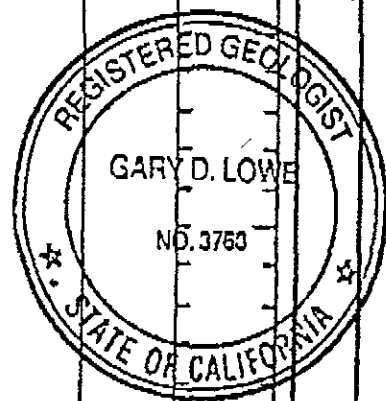
LOG OF BORING B-2

Equipment Mobile B-24, 3 1/4" Hollow Stem

Elevation UN Date 10/11/89

Laboratory Analyses

Soil Sample	Blows/ft.	Chemical Sample Interval*	Depth (ft.)	Sample prts.	Description
			0		Brown, gravelly clay fill
Soil Sample B-2 A	7/7/6	5'- 5 1/2'	5	GC	Gray, fine, sand fill & Class 2 gravel
				CL	Brown firm, gravelly clay Gravels composed of 1/8" to 1" fragments of serpentine.
Soil Sample B-2 B	1/2/3	10'- 10 1/2'	10		Black, soft, clay Petroleum Odor, slight discoloration
				CL	Dark gray, firm, clay w/minor rock fragments Very slight petroleum odor
Soil Sample B-2 C	3/5/10	15'- 15 1/2'	15		First Water encountered @ 17 1/2'
				CL	Mottled tan, firm, sandy clay w/fragments of serpentine
Soil Sample B-2 D	4/8/7	20'- 20 1/2'	20		Bottom of borehole @ 20 1/2'



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Logged by: M.J. King

Geologist: Gary Lowe, R.G.

Borehole B-2

Interval sampled for
Chemical Analysis

Log of Borehole B-3

Equipment Mobile B-24, 6" Flite Auger

Elevation UN Date 10/11/89

Laboratory Analyses

Blows/ft
Chemical
Sample
Interval *

Depth (ft.)
Sample pt

Soil Sample B-3 A

3/4/5
5'-
5 1/2'

5

CL

Mottled tan, soft, clay w/fragments of reddish brown and white serpentine

Soil Sample B-3 B

6/8/12
10'-
10 1/2'

10

CH

Black, soft, clay
No odor

No sample

8/11/
13
15'-
15 1/2'

15

CL

Tan, stiff, sandy clay cuttings
No Sample taken
First Water @ 19 1/2'

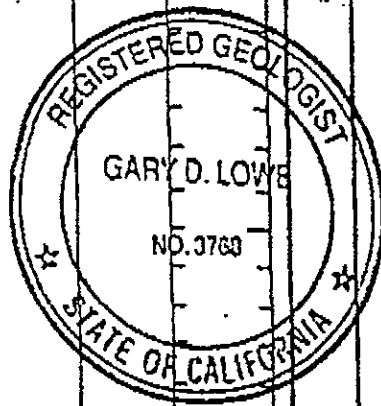
Soil Sample B-3 D

7/12/
13
20'-
20 1/2'

20

Mottled tan and gray, very stiff, sandy clay w/fragments of brown serpentine

Bottom of borehole @ 20 1/2'



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Designed by: M.J. King

Geologist: Gary Lowe, R.G.

Borehole B-3

No

Annr

Date 10/27/89

LOG OF BORING B-4

Equipment Mobile B-24, 6' Flite Auger

Elevation UN Date 10/11/89

Interval sampled for
Chemical Analysis

Laboratory Analyses

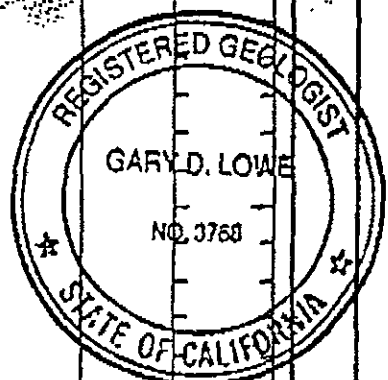
Blows/ft

Chemical
Sample
Interval *

Depth (ft)

Sample pts

Interval sampled for Chemical Analysis	Laboratory Analyses	Blows/ft	Chemical Sample Interval *	Depth (ft)	Sample pts	Description
				0		
Soil Sample B-4 A		3/3/4	5'- 5 1/2'	5	CL	Mottled tan & black, soft, clay w/small streaks of sand
No sample collect		5/7/10	10'- 10 1/2'	10	CH	Black, stiff, clay No sample collected
Soil Sample B-4 C		10/9/ 13	15'- 15 1/2'	15	CL	Mottled tan to gray, stiff, sandy clay No free water
No sample collect		7/8/7	19'- 20 1/2'	20		Mottled tan and gray, firm, sandy clay w/fine fragments of red, white, and black sand
						Bottom of Borehole B-4



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Logged by: M.J. King

Geologist: Gary Lowe, R.G.

Borehole B-4

Interval sampled for
Chemical Analysis

LOG OF BORING B-5

Equipment Mobile B-24, 6" Flite Auger

Elevation UN Date 10/12/89

Laboratory Analyses

Blows/ft.
Chemical
Sample
Interval *

Depth (ft.)
Sample pnts

Soil Sample B-5 A

6/4/5 5'-
5 1/2'

GC

Brown, clayey gravel fill

Soil Sample B-5 1B
Soil Sample B-5 2B

4/8/10 9'-
10'-
10 1/2'

CH

Dark gray, firm, clay-Strong petroleum odor
2nd sample- very slight petroleum odor

Soil Sample B-5 C

5/10/ 15'-
13 15 1/2'

CL

Tan, stiff, sandy clay w/ 1/8" inclusions of
red and white sand- No odor

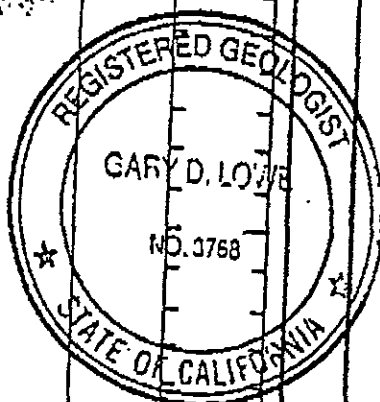
Soil Sample B-5 d

11/17/ 20'-
24 20 1/2'

First water @ 17'

Tan, very stiff, sandy clay w/enclusions of sand

Bottom of Borehole 20 1/2'



637 Beacon, Oakland, CA

LOG OF BORING

FIGURE

Borehole B-5

Logged by: M.J. King

Geologist: Gary Lowe, R.G.

No. _____ Addr. _____

Date 10/27/89



Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

Ogiso Environmental
1504 Franklin St., Ste. #304
Oakland, CA 94612
Attention: Jeff Willett

Client Project ID: 637 BEACON
Sample Matrix: Water
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 907-0460

Sampled: Jul 8, 1999
Received: Jul 8, 1999
Reported: Jul 20, 1999

QC Batch Number

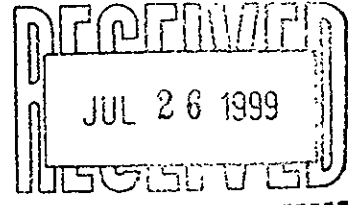
GC070999

802005A

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 907-0460 MW-1
---------	-------------------------	---------------------------------

MTBE	2.5	N.D.
------	-----	------



Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	7/9/99
Instrument Identification:	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%).	83

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
Project Manager



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

Sample I.D. : 637 BEACON STREET BLANK
 Matrix : WATER
 Date sampled : 11/26/89
 Date anl.TPHg: N/A
 Date ext.TPHd: 11/29/89
 Date anl.TPHd: 12/01/89

Anamatrix I.D. : *blank* 8911200-02
 Analyst : *mb*
 Supervisor : *TC*
 Date released : 12/05/89
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (ug/l)	Amount Found (ug/l)
	TPH as Diesel	50	ND

ND - Below reporting limit.
 TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following either EPA Method 3510 or 3550.

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