



ERC Environmental and
Energy Services Co., Inc

221 Main Street, Suite 1400
San Francisco, CA 94105
415-227-4370
Fax 415-227-4376

September 20, 1991

Ms. Cynthia Chapman
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: UST Closure at Duffy Diner, Project #4038A
1700 Webster Street, Alameda, California

Dear Ms. Chapman:

On September 17, 1991, I met with you and Mr. Rich Hielt of the San Francisco Bay Regional Water Quality Control Board regarding closure of a 550-gallon waste oil underground storage tank (UST) at the referenced site. You requested further information regarding verification soil samples collected from the UST pit. The purpose of this letter is to provide you with the requested information.

On April 18, 1991, a soil sample was collected directly beneath the UST immediately after it was removed from the excavation. This sample yielded an oil and grease concentration of 18,200 mg/kg. Prior to removal from the excavation, the interior of the UST was thoroughly decontaminated using a pressure washer. The field geologist present at the UST removal indicates that it is likely the soil sample was affected by spillage from tank washing activities.

On July 9, 1991, approximately 20 cubic yards of soil were removed from the excavation and soil samples were collected from each of the excavation sidewalls and the base of the excavation. None of these soil samples yielded detectable oil and grease concentrations. The sample from the base of the excavation was collected within the first 2 feet of soil beneath the UST. Thus, it meets RWQCB guidance for collection of verification soil samples. We believe that the April 18 soil sample referenced above yielded non-representative analytical results. Additionally, we submit that the July 9 soil sample is verification of clean closure.

11 SEP 28 PM 3:11

J. QUARLE' & ASSOCIATES, INC.
5835 Doyle Street, Suite 107
Emeryville, CA 94608
(415) 547-7411 Fax 547-7422

AN ENVIRONMENTAL SERVICE
COMPANY

OCTOBER 26, 1989

Report of 1700 Webster Street, Alameda California

2/19/99 - 5 soil borings (A-1 through A-5) advanced
to 10' bgs - 6W not encountered. clean soil in
boreholes. S.S. at 5' and 10' analyzed for
TVH or TPHg. all were ND.

Submitted by:
J. Quarle' & Associates, Inc.
5835 Doyle Street, Suite 107
Emeryville, CA 94608

Submitted to:
Ogden Allied Service Corporation
Two Pennsylvania Plaza
New York City, N.Y. 10121

Work Performed At:
Duffy Diner
- 1700 Webster Street
Alameda, CA 94501

Mary
Home 522-3884
Cont.: 521 0747

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Ogden Allied Service Corporation
Two Pennsylvania Plaza
New York City, N.Y. 10121

Original Scope of Work

1. Verified all permits, letters, etc., supplied by Jonathan S. Leo (Copies enclosed) documents #A thru #N on file with the City of Alameda Fire and Building Departments
2. Jack Quarle' and Norman Harrold made visual site inspections and spoke to (David Duffy) owner of Duffy's Diner. During our conversation regarding old station (Shell) site a customer in the diner overheard our conversation stated he was a station attendant at the shell station 1941, 1942 and it was one of his duties to gauge the tanks everyday pointing out approximate location of tanks (see #1 Boring Map attached)
 - A. South end of lot (Pacific Avenue) 1941-1942 a dwelling was located on that parcel per conversation with diner customer
 - B. West part of lot (Webster Street) a used car lot was located on that parcel per conversation with diner customer
3. Five (5) boring 10" diameter 10" depth samples taken 5' and 10' depth (1) boring to depth 2' struck old foundation of station. (no samples taken) from 2' boring (see Boring Map #1)
4. Total borings and samples
 - 6 borings (1) (no samples taken)
 - 10 soil samples
 - 10 soil samples tested for TPH (Total Petroleum Hydrocarbons) EPA 418.1 MG/KG

Conclusion From Soil Samples

After reviewing the results of the ten soil samples analyzed by Brown and Caldwell Laboratories 7-19-89 (A1-5, A1-10, A2-5, A2-10, A3-5, A3-10, A4-5, A4-10, A5-5, A5-10) no detectable hydrocarbons present. Detection limits for the soil analysis are measured in parts per million.

Enclosed are copies of drilling logs, soil sample analysis, chain of custody documents for soil samples, and 2 site maps.

All samples are taken in accordance with procedures as prescribed by the state of California Water Resource Control Board outlined in the "LUFT" Field Manual.

While the samples taken contained no evidence of hydrocarbons either in the certified analysis, visual inspection or presents of odors from the borings, we are unable to determine positively that the tanks have been removed.

Should the tanks remain on the property it appears that they have not had an adverse effect on the areas sampled. The rationale for sampling depth is that five feet should be mid range of underground tanks and Ten Feet should be at or near the bottom of the tanks.

Locations for borings were selected based on previous station layout, as determined by conversations with past employee, neighboring residents and physical evidence in the asphalt paving that indicate prior structures (ie: depressions, cracking outlining fuel islands? etc.)

We have compiled this report using information made available to us by the agencies referenced within this report. The results of this study are based on data obtained from the agencies and expressed or implied, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work. If you have any further questions please feel free to call our office at (415) 547-7411.

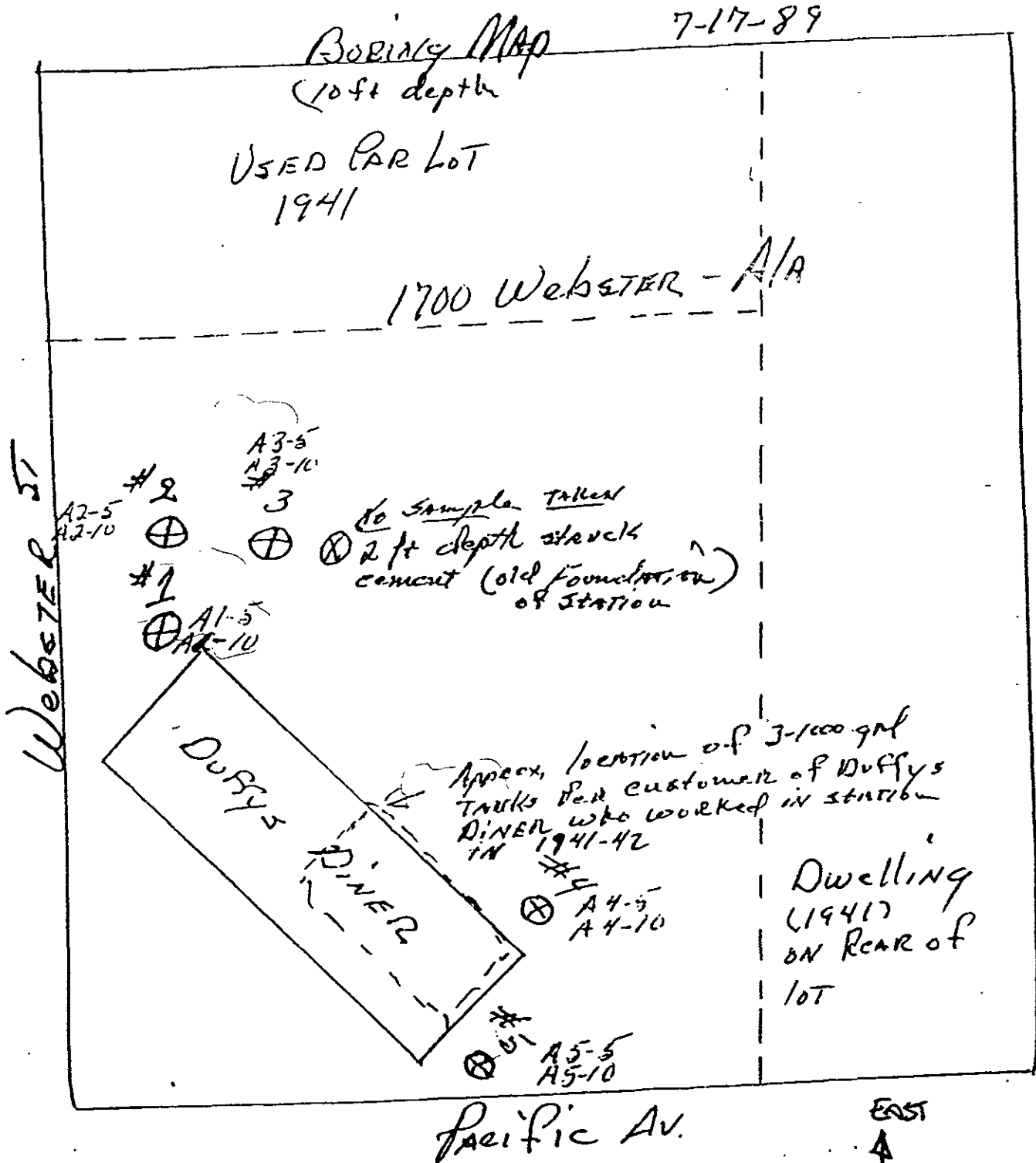
Sincerely,

J. QUARLE' & ASSOCIATES,


Jack Quarle'

J. QUARLÉ & ASSOCIATES, INC.
5835 DOYLE STREET, SUITE 107
EMERYVILLE, CA 94608

(415) 547-7411
FAX (415) 547-7422



NOTE NOT TO SCALE



CITY OF ALAMEDA
ALAMEDA FIRE DEPARTMENT



1300 PARK STREET
ALAMEDA, CALIFORNIA 94501

(415) 522-4100

SEPTEMBER 2, 1988

CAROLYN MAR
HELLER, EHRMAN, WHITE & MCAULIFFE
333 BUSH ST.
SAN FRANCISCO, CA 94104-2878

DEAR MS. MAR:

I AM ENCLOSING ALL INFORMATION FROM OUR FILES RELATING
TO 1700 WEBSTER STREET -- THIS INCLUDES LETTER DATED
MAY 12, 1947 AND COPIES OF THREE CARDS RETAINED IN
OUR UNDERGROUND TANK FILES REGARDING THIS ADDRESS.

IF YOU HAVE ANY FURTHER QUESTIONS, WOULD YOU PLEASE
CONTACT ME AT THE NUMBER SHOWN ABOVE (EXTENSION 245).

SINCERELY,

Marvin Helms
CAPTAIN MARVIN HELMS
FIRE PREVENTION BUREAU
ALAMEDA FIRE DEPARTMENT

A



May 12 1947

Mr. Don C. McMillan
City Manager
Alameda, California

Dear Sir:

We request permission to remove one (1) three hundred (300) gallon Underground Tank used for the storage of Waste Oils and Greases and reinstall one (1) five hundred fifty (550) gallon tank in its place on the premises of Shell Service Station located at 1700 Webster Street, for the same purpose.

Entire installation shall be in accordance with the regulations as prescribed in the Municipal Code pertaining to the storage of petroleum products.

Respectfully submitted

C. J. Connolly
C. J. Connolly,
123 Central Avenue
Alameda, California

Per. F. Moller

Approved by

Thomas W. Lane
Fire Marshal
Alameda, California

Permission Granted by

[Signature]
City Manager
Alameda, California

B



1700 Webster St.

Name Shell Service Station

Oil Storage Permit Waste Oil & grease 550 gal tank No. 553

Liquid Gallons 550 gal tank

Date Issued May 12 1947 Gauge

Installation

Inspected By Thomas M. Lane

Remarks Removal of one 300 gallon tank (no record of 300 gal tank ever being installed here) used for storage of waste oil - replaced with above 550 gallon tank.

Note: See file on Tank Installations - letter dated May 12, 1947

Location 1700 Webster St.

Name Shell Oil Co.

Oil Storage Permit TML No. 578

Liquid Gasoline Gallons 3,550

Date Issued June 21, 1940 Gauge

Installation 3-1,000; 1-550 Gallon Underground Tanks

Inspected By

Remarks Service Station

No letter in file concerning installation or removal of these tanks

Handwritten initials or mark at the bottom right corner.

Company Shell Oil Co.

Storage Permit WS No. 398

Liquid Gasoline Gallons 1,650

Date Issued April 4, 1930 Gauge _____

Installation 3-550 Gallon Tanks 4' Under Sidewalk

Inspected By WS

Remarks Service Station

12 in. concrete walls between tanks

No letter in file concerning installation or removal of these tanks



D

6-21-40 Steel serv. Sta. 408.00
 A. N. Clark & Co.

DATE	JOB	COST	PERMIT	PLANS	REMARKS
6-30-53	Sign	180.	593	Sign #30	
* 7-30-53	Restaurant	6,500.	709	Plan #42	give to Commission 11/13/53 see 4-13-54
* 11-23-53	wreck service station	100.	1098		
1-8-54	sign	2,500.	10	Sign #1	
* 11-6-58	remodeling	2,000.	1464	Att.	Owner, Doggie Diner
11-17-58	awning over patio	1,500.	1540		see Plan for #1464
2-15-65	Cancelled sign				
3-17-65	work not done.	\$1500.	#205S	#30Aps	Owner: Doggie Diner
3-17-65	Signs	\$1000.	#343-S	Plan #63A	P.S.
4-5-66	Sign	800.	412-S	Att.	
10-13-66	Repair leak roof	35.00	1349		

Between 1940-1950 on a per. check
 permits numbered 1-96
 (+40-50 missing)



E

APPLICATION FOR A BUILDING PERMIT

BRICK OR MASONRY BUILDING

Application is hereby made to the Building Department of the City of Alameda for permission to build a 3 story 3 room, brick, concrete, tile Concrete Block

1700 WEBSTER

In accordance with the plans and specifications filed herewith, and which plans and specifications are to be considered a part of this application. Entire valuation of building (this must include everything necessary for the complete construction of the building), \$ 65,000.00

Building to be occupied as RESTAURANT

Size of lot 99 by 125 feet.

Size of proposed building 25 feet by 25 feet. Extreme height of building 9 feet.

What class of building is proposed? TYPE 3

Is there any other building on the same lot? No

Are piles or other special form of foundation to be used? No

Size of foundation 25 x 25

Exterior wall construction of Concrete Block

Thickness of wall 12

Height of wall to roof 9-6

Interior construction of Concrete Block

Floor constructed of Concrete

Roof construction of Shingles

Roof covering of Asphalt

Is interior of building to be plastered? No

Are there any elevators? No

Is sidewalk space to be excavated? No

Is there a garage in the building? No

I hereby agree to save, indemnify and keep harmless the City of Alameda and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit, or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions of this permit, and provisions of the Ordinances of the City of Alameda.

Contractor Bill Miller

Owner Robert Miller

Address 1700 Webster

Address 1700 Webster

Architect William Henderson

Address 5000 ...

Address 1700 Webster

By W.D. Henderson

The building inspector shall be notified when job is ready for inspection as required on permit card. Do not start work before permit is issued, do not pour concrete until forms are inspected, do not lath, sheath, plaster, or otherwise conceal any portion of walls or ceiling or shingle roof until inspection card is signed. Do not send notice that building is ready to lath until rough electrical work and plumbing have been inspected and permits signed.

OT PLAN

REPORT OF INVESTIGATOR

No. 1098 ✓

APPLICATION

Permit for Wreck service station
At 1700 Webster

Shell Oil Co. Owner
Marshall Constr. Contractor

Valuation \$ 100. - Fee \$1. -

Issued 11-23-53

FORMS

SHEATHING

ROOF

WIRE AND PAPER

ROUGH

LATH

STUCCO

FINAL

Zoning _____
 Side Yards _____
 Rear Yard _____ Front Yard _____
 Fire Zone _____
 Area Limit _____ Court Areas _____
 Garage Area _____ Height limit _____
 Ventilation _____
 Chimneys and Flues _____
 Floor Construction _____
 Exterior Walls _____
 Soil _____ Type Frame _____
 Foundation _____
 Retaining Walls _____
 Engineering _____
 Approved _____
 Plan Inspector

Permission is hereby granted to erect, alter or repair the building described in this application in accordance with the Building Ordinances of the City of Alameda, and to the satisfaction of the Building Inspector:

Approved E. H. ROGERS
Chief Building Inspector

By E. H. Rogers
THIS PERMIT DOES NOT COVER ANY ELECTRICAL OR PLUMBING WORK

VARATION
at the information con-
on and on the plans and
and contains a correct
posed work. All said
accordance with the
m authorized to act as



It is unlawful to erect or construct, add to, enlarge, move, improve, alter, extend or demolish, any building or structure, or cause the same to be done, without first obtaining a building permit therefor, before the work is started. If the valuation is less than twenty dollars (\$20.00) there is no fee.

WRITE IN INK—FILE TWO COPIES

APPLICATION FOR BUILDING PERMIT

APPLICATION IS HEREBY MADE TO THE BUILDING DEPARTMENT OF THE CITY OF ALAMEDA FOR PERMISSION TO DO THE FOLLOWING WORK AT

*Number 1200 MARSHALL AVE Street
Ave.

WRITE PLAINLY FULL DESCRIPTION OF WORK TO BE DONE
All new construction must be described as to size, span and spacing

* WILK SERVICE STATION BLDG

- Roof Covering
- Rafters
- Ceiling Joist
- Plates
- Fire Blocks
- 1st Story
- Studs & 2nd Story
- 3rd Story
- Plate
- Fl. Joist
- Plates
- Underpinning
- Mud sill, R.W.
- Foundation

Entire valuation of work \$100.00 *

Building now used as Service Station *

Building to be used as _____ *

I hereby agree to save, indemnify and keep harmless the City of Alameda and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit, or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted and the provisions of the Ordinances of the City of Alameda.

Contractor MARSHALL CONST Owner SHELL OIL CO *

Address 13424 DOOLITTLE DR Address 314 DERBY ST *

* SAN LEANITA Address _____ By W J Bone *

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APPLICATION FOR A BUILDING PERMIT FRAME BUILDING

Application is hereby made to the Building Department of the City of Alameda for permission to build a 1 story 1 room. In accordance with plans filed herewith.

Location 1700 Webster St

Entire valuation of building (this must include everything necessary for the complete construction of the building). \$20000

Building to be occupied as single lines families. Distance from lot line to sides of building &

Size of lot by feet Is there any other building on lot?

Size of proposed building ft. by ft. Foundation material

Extreme height of building feet

FOUNDATION SIZES

Basement height ft. in. Solid Walls Piers
 Ceiling height ft. in. Reinforced concrete base by 12" x 12" piers with existing walls & replacing with 7" x 12" blocks 12" x 12" 8'-6" with 2" concrete top 4" x 4"

Mud sills—Redwood	by	by	Height	in. Height in.
Main sills	by	by	Width	in. Width in.
Girders	by	by			
Posts under girders	by	by	inches	ft. on centers.	

Size of studs in basement	by	by	inches	inches on centers.
Size of studding for bearing walls	by	by	inches	inches on centers.
Size of studding for non-bearing walls	by	by	inches	inches on centers.

All exterior and light shaft walls must be close boarded.

Exterior wall covering to be of and

Light shaft wall covering to be of and

Size of floor joists	by	inches	inches on centers. Longest span between support	ft.
.....	by	inches	inches on centers. Longest span between support	ft.
Ceiling joists	by	inches	inches on centers. Longest span between support	ft.
Rafters	by	inches	inches on centers. Longest span between support	ft.

Roof covered with Penthouse covered with

Number of patent chimneys	{	Size of flue	with	inlets
		Size of flue	with	inlets
Number of brick chimneys	{	Size of flue	with	inlets
		Size of flue	with	inlets

Number of gas boilers and heating appliances Vented to gas vent or chimney

Is there a garage under or attached to dwelling? If so, it must be fire-proofed and vented.

I hereby agree to save, indemnify and keep harmless the City of Alameda and its officers, employees and agents against all liability, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit, or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted, and the provisions of the Ordinances of the City of Alameda.

Contractor
 Address
 Architect J. E. 8-2111
 Address

Owner
 Address
 By

The building inspector shall be notified when job is ready for inspection as required on permit card. do not start work before permit is issued, do not pour concrete until forms are inspected, do not lath, sheath, plaster, or otherwise conceal any portion of walls or ceiling or shingle roof until inspection card is signed. Do not send notice that building is ready to lath until rough electrical work and plumbing have been inspected and permits signed.

The department will call up telephone No. if any alterations or changes are necessary on the plans submitted.

State License No. 168194

City License No. 157811

WEBSTER ST., 1700

Owner - Shell Oil Co.
Bldr. - A. W. Clark & Co.

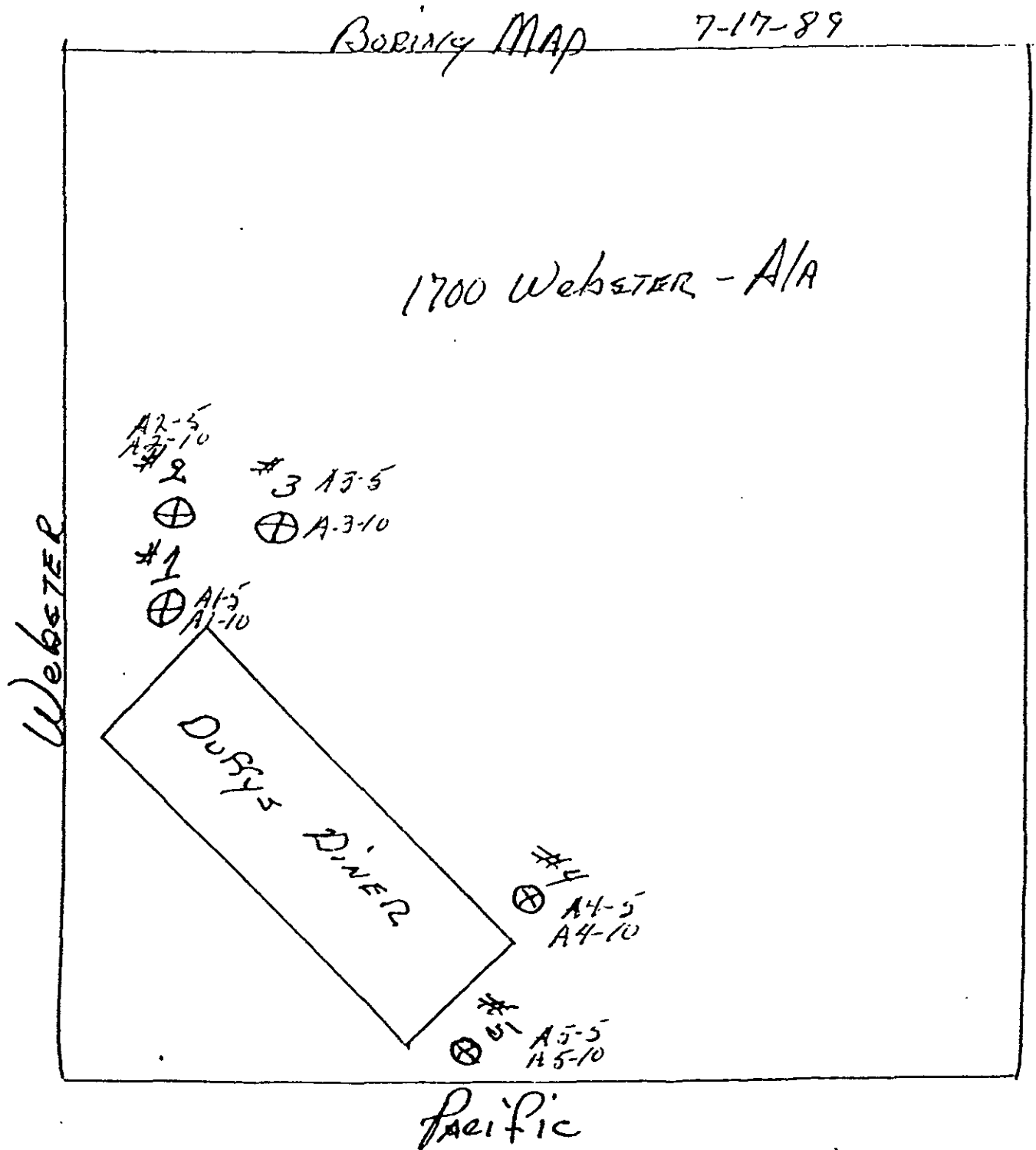
6-21-40 Steel serv. Sta. 408.00

DATE	JOB	COST	PERMIT	PLANS	REMARKS
6-30-53	Sign	180.	593	Sign #30	
7-30-53	Restaurant	6,500.	709	Plan #42	gives to Blanning 4-13-99
11-23-53	wreck service station	100.	1098		
1-8-54	sign	2,500.	10	Sign #1	
11-6-58	remodeling	2,000.	1464	Att.	Owner, Doggie Dine
11-17-58	awning over patio	1,500.	1540		see Plan for #1464
2-15-65	Cancelled Sign				
3-17-65	Sign Work not done.	\$1500.	#205S	#30Aps	Owner: Doggie Diner
3-17-65	Signs	\$1000.	#343-S		Plan #63A P.S.
4-5-66	Sign	800.	412-S		Att.
10-13-66	Repair leak roof	35.00		1349	

M

J. QUARLÉ & ASSOCIATES, INC.
5835 DOYLE STREET, SUITE 107
EMERYVILLE, CA 94608

(415) 547-7411
FAX (415) 547-7422



NOTE NOT TO SCALE

CHAIN OF CUSTODY RECORD

BC Log Number **8907323**

Client name J. QUARLE / ASSOC		Project or PO# 1700 WEBSTER, HA		Analyses required			
Address 5735 Doyle St #107		Phone # 5477411		TPH-9 (6.4500000, 50.30) Hazardous sample Special handling required			
City, State, Zip Emeryville, CA 94608		Report attention JACK QUARLE					
Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by NORMAN HERRICK	Number of containers	Remarks	
	7-12-99	3 PM	30		10		
A1-5						X	If any sample shows more than 100ppm TPH as Gasoline then perform BTEX on those samples
A1-10						X	
A2-5						X	
A2-10						X	
A3-5						X	
A3-10						X	
A4-5						X	
A4-10						X	
A5-5						X	
A5-10						X	
Signature		Print Name		Company		Date	Time
<i>Norman Herrick</i>		NORMAN HERRICK		J. QUARLE / ASSOC		7-12-99	1:30 PM
Received by		Signature		Company		Date	Time
<i>D. Kowc</i>		D Kowc		BCAL		7/12/99	1:30
Relinquished by							
Received by							
Relinquished by							
Received by Laboratory							

BROWN AND CALDWELL LABORATORIES

- 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300
- 373 South Fair Oaks Avenue, Pasadena, CA 91105 (818) 795-7553
- 1200 Pacific Avenue, Anaheim, CA 92805

Note:

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

*KEY AQ—Aqueous NA—Nonaqueous SL—Sludge GW—Groundwater SO—Soil OT—Other PE—Petroleum

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 5835 Doyle Drive Suite-107
 Emeryville, California 94608
 (415)-547-7411 Fax (415)-547-7422

AN ENVIRONMENTAL SERVICE
 COMPANY

BORING LOG

Date Drilled: 7-17-89
 Project Name: Ogden Food Service Corp.
 Project Number:
 Project Address: 1700 Webster Street, Alameda, CA

Boring and Casing Diameter: 10 inches
 Logged By: Norman Herrold
 Well Head Elevation:
 Drilling Method: Power Drill Rig
 Drilling Company: Cabrill Drilling Service License 497225
 Fremont, CA
 Boring Number: A1- 2 samples per boring

Ground Water Level	Depth Of Sample Feet	Stratigraphy USCS	Description
	0		
	2		
	4		
ground water not detected at 10 ft. depth	6	--- A1-5	clean sand
	8		
	10	A1-10	
	12		
	14	Bob 10'	
	16		
	18		
	20		
	22		
	24		
	26		
	28		
	30		
	32		
	34		
	36		
	38		
	40		
	42		
	44		
	46		
	48		
	50		

Comments:

- a. 4 inch asphalt surface material
- b. 4 inch baserock surface material
- c. 9 feet clean sand clean and free of signs of hydrocarbons

J. QUARLE' & ASSOCIATES
 5835 Doyle Drive Suite-107
 Emeryville, California 94608
 (415)-547-7411 Fax (415)-547-7422

AN ENVIRONMENTAL SERVICE
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BORING LOG

Date Drilled: 7-17-89
 Project Name: Ogden Food Service Corp.
 Project Number:
 Project Address: 1700 Webster Street, Alameda, CA

Boring and Casing Diameter: 10 inches
 Logged By: Norman Herrold
 Well Head Elevation:
 Drilling Method: Power Drill Rig
 Drilling Company: Cabrill Drilling Service License 497225
 Fremont, CA
 Boring Number: A2 2 samples per boring

Ground Water Level	Depth Of Sample Feet	Stratigraphy USCS	Description
	0		
	2		
	4		
ground water not detected at 10 ft. depth	6	A2-5	clean sand
	8		
	10	A2-10	
	12		
	14	Bob 10'	
	16		
	18		
	20		
	22		
	24		
	26		
	28		
	30		
	32		
	34		
	36		
	38		
	40		
	42		
	44		
	46		
	48		
	50		

Comments:

- a. 4 inch asphalt surface material
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- c. 9 feet clean sand clean and free of signs of hydrocarbons

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 5835 Doyle Drive Suite-107
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AN ENVIRONMENTAL SERVICE
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BORING LOG

Date Drilled: 7-17-89
 Project Name: Ogden Food Service Corp.
 Project Number:
 Project Address: 1700 Webster Street, Alameda, CA

Boring and Casing Diameter: 10 inches
 Logged By: Norman Herrold
 Well Head Elevation:
 Drilling Method: Power Drill Rig
 Drilling Company: Cabrill Drilling Service License 497225
 Fremont, CA
 Boring Number: A-3 2 samples per boring

Ground Water Level	Depth Of Sample Feet	Stratigraphy USCS	Description
	0		
	2		
	4		
ground water not detected at 10 ft. depth	6	A3-5	clean sand
	8	A3-10	
	10		
	12		
	14	Bob 10'	
	16		
	18		
	20		
	22		
	24		
	26		
	28		
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BORING LOG

Date Drilled: 7-17-89
 Project Name: Ogden Food Service Corp.
 Project Number:
 Project Address: 1700 Webster Street, Alameda, CA

Boring and Casing Diameter: 10 inches
 Logged By: Norman Herrold
 Well Head Elevation:
 Drilling Method: Power Drill Rig
 Drilling Company: Cabrill Drilling Service License 497225
 Fremont, CA
 Boring Number: A4- 2 samples per boring

Ground Water Level	Depth Of Sample Feet	Stratigraphy USCS	Description
	0		
	2		
	4		
ground water not detected at 10 ft. depth	6	A4-5	clean sand
	8	A4-10	
	10		
	12		
	14	Bob 10'	
	16		
	18		
	20		
	22		
	24		
	26		
	28		
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Comments:

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BORING LOG

Date Drilled: 7-17-89
 Project Name: Ogden Food Service Corp.
 Project Number:
 Project Address: 1700 Webster Street, Alameda, CA

Boring and Casing Diameter: 10 inches
 Logged By: Norman Herrold
 Well Head Elevation:
 Drilling Method: Power Drill Rig
 Drilling Company: Cabrill Drilling Service License 497225
 Fremont, CA
 Boring Number: A5- 2 samples per boring

Ground Water Level	Depth Of Sample Feet	Stratigraphy USCS	Description
	0		
	2		
	4		
ground water not detected at 10 ft. depth	6	A5-5	clean sand
	8		
	10	A5-10	
	12		
	14	Bob 10'	
	16		
	18		
	20		
	22		
	24		
	26		
	28		
	30		
	32		
	34		
	36		
	38		
	40		
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	48		
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Comments:

- a. 4 inch asphalt surface material
- b. 4 inch baserock surface material
- c. 9 feet clean sand clean and free of signs of hydrocarbons



LOG NO: E89-07-325

Received: 18 JUL 89

Reported: 21 JUL 89

Mr. Jack Quarle
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Emeryville, California 94608

Project: 1700 Webster, Ala.

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED				
07-325-1	A1-5	17 JUL 89				
07-325-2	A1-10	17 JUL 89				
07-325-3	A2-5	17 JUL 89				
07-325-4	A2-10	17 JUL 89				
07-325-5	A3-5	17 JUL 89				
PARAMETER		07-325-1	07-325-2	07-325-3	07-325-4	07-325-5
TPH - Volatile Hydrocarbons						
Date Analyzed		07.19.89	07.19.89	07.19.89	07.19.89	07.19.89
Dilution Factor, Times		1	1	1	1	1
C4 to C12 Hydrocarbons, mg/kg		<5.0	<5.0	<5.0	<5.0	<5.0
Other TPH - Volatile Hydrocarbons		---	---	---	---	---



LOG NO: E89-07-325

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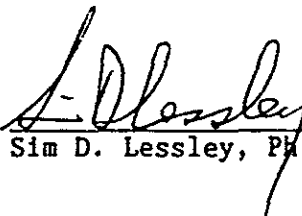
Mr. Jack Quarle
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Emeryville, California 94608

Project: 1700 Webster, Ala.

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
07-325-6	A3-10	17 JUL 89
07-325-7	A4-5	17 JUL 89
07-325-8	A4-10	17 JUL 89
07-325-9	A5-5	17 JUL 89
07-325-10	A5-10	17 JUL 89

PARAMETER	07-325-6	07-325-7	07-325-8	07-325-9	07-325-10
TPH - Volatile Hydrocarbons					
Date Analyzed	07.19.89	07.19.89	07.19.89	07.19.89	07.19.89
Dilution Factor, Times	1	1	1	1	1
C4 to C12 Hydrocarbons, mg/kg	<5.0	<5.0	<5.0	<5.0	<5.0
Other TPH - Volatile Hydrocarbons	---	---	---	---	---


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