

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF CLEAN WATER PROGRAMS
2014 T STREET, SUITE 130
P.O. BOX 944212
SACRAMENTO, CALIFORNIA 94244-2120
(916) 227-4360
(916) 227-4530 (FAX)

Stid 3950
CL



JUN 29 1995

JUN 29 1995
JEAN ANDERSON, TRUST
ATTN: SMITH C. ANDERSON
1406 SAN JOSE AVENUE
ALAMEDA, CA 94501

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF REMOVAL FROM PRIORITY LIST: CLAIM NUMBER 008307; FOR SITE ADDRESS: 2244 Santa Clara Avenue, Alameda, CA 94501

On May 19, 1995, a "Notice of Intended Removal From Priority List" (copy enclosed) was sent to you. The Notice informed you that your claim is not eligible for reimbursement from the Underground Storage Tank Cleanup Fund, and stated the reason(s) for that determination. The Notice also informed you that if you did not agree with the determination, you could request a review within thirty (30) calendar days of the date of the Notice.

Since the Fund has not received a request for review within the time specified, I have determined that your claim is not eligible for participation in the Underground Storage Tank Cleanup Fund and will be removed from the Priority List.

If you have any questions, please contact Cheryl Gordon at (916) 227-4539.

Sincerely,

A handwritten signature in black ink, appearing to read "Dave Deaner".

Dave Deaner, Manager
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
California Regional Water Quality
Control Board, San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr. Tom Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl
Alameda, CA 94502-6577

STATE WATER RESOURCES CONTROL BOARD**DIVISION OF CLEAN WATER PROGRAMS**

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4427

(916) 227-4530 (FAX)

Stid 3950
C. C. C.95 MAY 22 PM 2:45
IRREVERSIBLE

MAY 19 1995

Jean A. Anderson, Trust
Attn: Smith C. Anderson
1406 San Jose Avenue
Alameda, CA 94501

**UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF INTENDED
REMOVAL FROM PRIORITY LIST: CLAIM NUMBER 008307; FOR SITE ADDRESS: 2244
Santa Clara Avenue, Alameda, CA 94501**

This is to notify you that during the detailed review of your application, it has been determined that your claim for the 2244 Santa Clara Avenue, Alameda, CA 94501 site is not eligible for reimbursement from the Underground Storage Tank Cleanup Fund. It is being proposed, therefore, that your claim be removed from the Priority List based on the following reason(s):

On April 18, 1995, your site file was reviewed at the Alameda Environmental Health Department. The reports documenting the cleanup of the site stated that the contamination resulted from a hydraulic oil reservoir tank. There was no corrective action needed for any unauthorized release from either of the other two fuel oil tanks which were also located at the site.

Article 4, Section 2810.1 (a) states in part, "...Only a current or former owner or operator of an underground storage tank or a residential tank may file a claim against the Fund." Article 2, Section 2804 of the Petroleum Underground Storage Tank Cleanup Fund Regulations states in part, "Underground storage tank" does not include any structures specifically exempted under Section 2621 of Title 23, Chapter 16 of the California Code of Regulations. Currently exempted structures are: ... A tank holding hydraulic fluid for a closed loop mechanical system that uses compressed air or hydraulic fluid to operate lifts, elevators, and other similar devices;..."

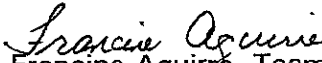
If you do not agree with this decision, you may request a review within thirty (30) calendar days of the date of this Notice. Please send any request for review to:

Mr. Dave Deaner, Manager Claim No. 008307
State Water Resources Control Board
Underground Storage Tank Cleanup Fund
P. O. Box 944212
Sacramento, CA 94244-2120

If you fail to correct the condition which is the basis for this proposed removal or fail to request a review within the thirty (30) calendar days from the date of this Notice, your claim will be removed from the Priority List at the expiration of said thirty (30) day period.

If you have any questions, please contact Cheryl Gordon at (916) 227-4539.

Sincerely,


Francine Aguirre, Team Leader, Region 2
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
California Regional Water Quality
Control Board, San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr. Tom Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl
Alameda, CA 94502-6577

**Alameda County Department of Environmental Health
Hazardous Materials Division**

80 Swan Way, Rm. 200, Oakland, CA 94621
Ph: 510-271-4320

BILLING FOR SERVICES

STID#

A. Site Name Fowler Anderson Mortuary Phone

Site Address 2244 Santa Clara AVE Alameda 94501
(If no address, description of area) Number Street City Zip

Prior Business Name unknown Prior Owner's Name

B. Service Requestor Martin Bermudez McLaren Hart 748-5649
Contact Person Company Name Phone

Billing Address 1135 Atlantic AVE Alameda 94501
Number Street City Zip

<u>Category of Service</u>		#Hours	x \$	/Hr	\$
<input checked="" type="checkbox"/> Site Search	(Whole Hours Only)	<u>1</u>	<u>75.⁰⁰</u>		<u>75.⁰⁰</u>
<input type="checkbox"/> File Search		_____	x \$ _____	/Copy	\$ _____
<input type="checkbox"/> Other _____		_____	x \$ _____		\$ _____
Other					<u>75.⁰⁰</u>
TOTAL CHARGE:					\$ <u>75.⁰⁰</u>

REMARKS: Site Search completed 5-28-93.

.....

.....

.....

.....

.....

You will receive an invoice in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Service Requestor Martin Bermudez [Signature] Date 5-28-93
printed name signature

HazMat Specialist Kevin Tinsley [Signature] Date 5-28-93
printed name signature

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION
2101 WEBSTER STREET, SUITE 500
OAKLAND, CA 94612

Phone: (510) 464-1255
FAX: (510) 464-1380



Fowler Anderson Mortuary
2244 Santa Clara Avenue
Alameda, California 94501

August 20, 1992
File UST (RCH)

Attn: Mr. Smith Anderson

RE: Case closure for UST site, Fowler Anderson Mortuary, 2244
Santa Clara Avenue, Alameda, Alameda County

Dear Mr. Anderson,

The Alameda County Department of Environmental Health has submitted a letter which recommends closure for your site involving the removal of three tanks (50 gallon fuel oil tank, 350 gallon fuel oil tank, 50 gallon hydraulic reservoir tank) and subsequent contaminated soils. Regional Board staff have reviewed the file for your site and concurred with this recommendation. Therefore based on the available information for the above site, it appears that further investigation and cleanup of petroleum hydrocarbons are not necessary. Further work could be required if conditions change or a water quality threat is discovered at the site.

Please contact Richard Hiatt from my staff at (510) 464-4359 if you have any questions regarding the contents of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven R. Ritchie", is written over a circular stamp or seal.

Steven R. Ritchie
Executive Officer

cc: Gary Zaccor, Zaccor Corporation
Scott Seery, ACHD

May 30, 1992

Ms. Juliet Shin
Division of Hazardous Materials
Department of Environmental Health
Alameda County Health Agency
80 Swan Way, Rm 350
Oakland, CA 94621

03 JUN 11 1992

RE: Fowler-Anderson Mortuary, 2244 Santa Clara St., Alameda

Dear Ms. Shin:

This letter will document the information given to you by telephone by Roger Greensfelder (May 20, 1992), concerning the above-referenced site.

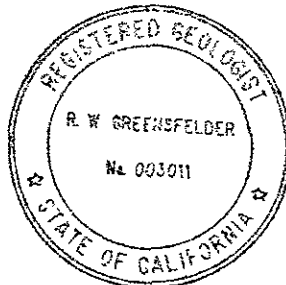
Groundwater depths were measured in the three monitoring wells on site on five occasions during 1991 and gradient directions and magnitudes have been determined, with the results listed below.

<u>Date</u>	<u>Direction</u>	<u>Gradient (ft/ft)</u>	<u>Remark</u>
2-28-91	N 13° E	.0040	OK
3-12-91	N 37° E	.0015	OK
5-30-91	The reported water depth in MW2 is in error.		
9-20-91	Due south	.0020	Probably anomalous
12-19-91	N 22° E	.0025	OK
AVERAGE	N 24° E	.0035	Average of three "OK" data

This average gradient direction is five degrees to the north of the long property lines, directly toward Santa Clara St. This puts MW-3 downgradient, within 20 degrees, of the former hydraulic oil UST (#3) in the garage, as shown in the attached figure. That tank was the only UST at which soil contamination was detected.

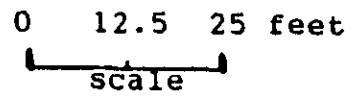
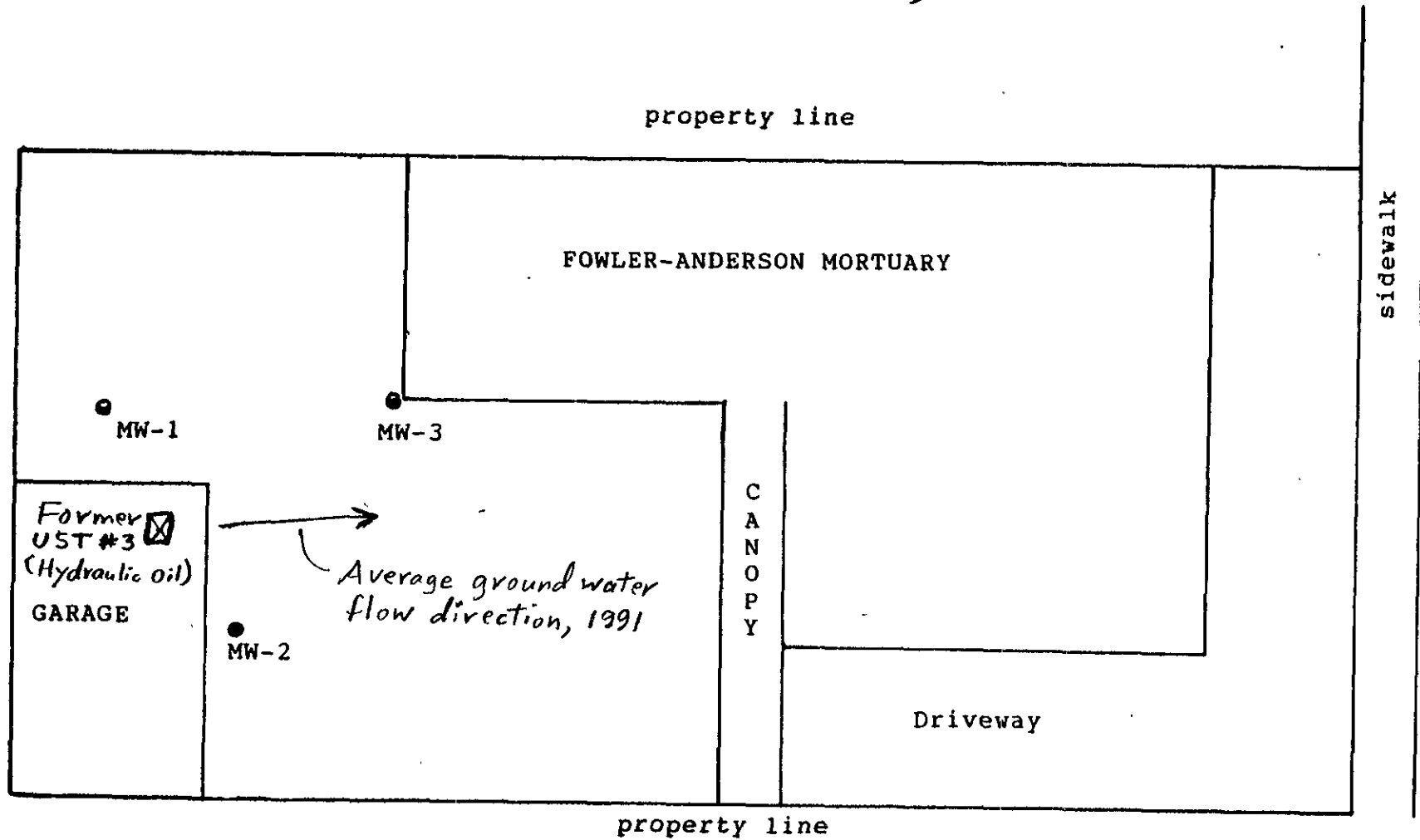
We hope that this new information will permit early closure of the site.

Very truly yours,
Gary Zaccor
Gary Zaccor
Project Manager



Roger Greensfelder
Roger Greensfelder, PhD, RG
California Registered Geologist 3011

Attachment: Figure



Monitoring Well Location Map



DEPARTMENT OF HEALTH SERVICES
San Francisco Bay Area
300 Bay Area Blvd
Oakland, CA 94612
510 271-4020

May 20, 1992

Eddy So
RWQCB, S.F. Bay Region
2101 Webster St., Ste 500
Oakland, CA 94612

STID 3950

RE: The Fowler Anderson Mortuary site, located at 2244 Santa Clara Street, Alameda, California

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. So,

On January 8, 1991, three underground storage tanks (USTs) were removed from the above site: one 350-gallon motor oil tank, one 50-gallon motor oil tank, and one 50-gallon hydraulic oil reservoir tank. No holes were observed in the 350-gallon or 50-gallon motor oil USTs. There was no information available on the condition of the 50-gallon hydraulic oil UST at the time of its removal. One soil sample was collected from beneath the center of each of the three USTs at the soil/groundwater interface. Analysis of the soil sample collected from beneath the 50-gallon hydraulic oil tank identified 1,400 ppm TPH as hydraulic oil. The other soil samples did not detect any contamination above the detection limit of 10 ppm.

Soil was re-excavated from the 50-gallon hydraulic oil tank pit and confirmatory soil samples were collected and found to be without detectable amounts of TPH as hydraulic oil.

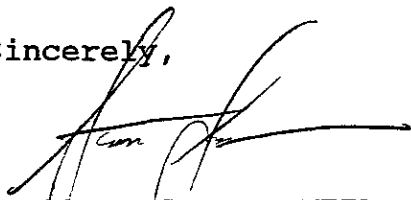
On February 28, 1991, three monitoring wells were installed downgradient of the former location of the 50-gallon hydraulic oil UST, with one well being located within 10 feet of the former UST. Two soil samples were collected during the installation of each of the three wells at 5-foot intervals. These samples were analyzed for TPH as hydraulic oil and no contaminants were identified above the detection limit. All three wells were sampled for four quarters and the groundwater samples were analyzed for TPH as hydraulic oil using EPA Method 3510. Analysis of all the groundwater samples throughout all four quarters of sampling, from February 28, 1991 through December 19, 1991, never identified concentrations of TPH as hydraulic oil above the detection limit of 50 ppb.

The depth to groundwater beneath the site is approximately 9 feet. The well logs indicate that soils beneath the site consist of fine grain sands and clay. The groundwater flow direction has consistently been to the north and northeast for all four quarters.

Considering the above information, this office is recommending that this site be certified closed. With RWQCB's concurrence, this office will send a letter to the Responsible Party to inform them of the site's certification of closure.

If you have any questions or comments, please contact Juliet Shin at (510) 271-4320.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery", with a long horizontal flourish extending to the right.

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

FILE(JS)

DATE: 3/30/92

TO : Local Oversight Program

FROM: Don Hwang

SUBJ: Transfer of Eligible Oversight Case

Site name: FOWLER ANDERSON MORTUARY

Address: 2244 SANTA CLARA city ALAM zip 94501

Closure plan attached? Y N DepRef remaining \$

DepRef Project # 3072 STID #(if any) 3950

Number of Tanks: 3 removed? Y N Date of removal 1/8/91

Leak Report filed? Y N Date of Discovery 1/11/91

Samples received? Y N Contamination: Soil Groundwater TPH-hydraulic oil 1400 ng/kg

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel fuel oil waste oil kerosene solvents Hydraulic 50gal

Monitoring wells on site 3 Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment

Remedial Action 3/24/92 OVER EXCAVATION

Post Remedial Action Monitoring 3/28/92 M W's

Enforcement Action

3:00
3 more
quarters
needed

3. Store the waste containers in a secured area to prevent unauthorized entry and minimize the possibility of spills.
4. As a matter of common sense and safety, store waste containers in a roofed area with spill containment features (e.g., an area surrounded by concrete curbs and having an impermeable base). Local city ordinances may require such secondary containment for waste storage areas. Contact your city's Fire Department or the Alameda County Hazardous Materials Division for any questions about specific storage requirements.
5. Store containers of wastes that will react with each other in areas separated by a dike, berm, wall or other device.
6. Store ignitable or reactive wastes at least 50 feet from property lines.

For complete information on storage requirements, please refer to CCR Title 22, Division 4.5, Chapter 12.

How Long Can Hazardous Waste Be Stored On Site?

Please see CCR Title 22, Section 66262.34 and HSC Chapter 6.5, Section 25123, for complete information regarding time restrictions on storing hazardous waste on site.

Hazardous waste must be transported off site for treatment or disposal within ninety (90) calendar days of the date of initial accumulation of the waste.

However, if you produce less than 100kg (or approximately 27 gallons) of hazardous waste per month or less than 1kg (or approximately 1 quart) of extremely hazardous waste per month, you must have the waste hauled off site within ninety (90) days after accumulating the first 100kg of hazardous waste or 1kg of extremely hazardous waste.

If you generate less than 100kg or 27 gallons of hazardous waste (or 1kg of extremely hazardous waste) per year, waste disposal must occur yearly at a minimum.

For the benefit of the small quantity generator, one can also accumulate (not withstanding the above mentioned limitations) up to 55 gallons of each waste stream in containers (not tanks) for up to one year if the requirements of HSC Section 25123.3(d) are followed. If you generate more than this amount, you must have the waste hauled off site within 90 days of the time at which the 55 gallons were exceeded.

How to Dispose of Hazardous Waste

Hazardous waste must be recycled or transported to a state permitted treatment, storage or disposal facility (TSDF). Hazardous waste **MUST NOT** be disposed of in the regular trash, on the surface of the ground, to surface waters or to the storm sewer. In addition, hazardous wastes **MUST NOT** be dumped in the sanitary sewer system unless the waste generator has an industrial waste water discharge permit from the local sewer agency.

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
FOR QUARTER BEGINNING 07/01/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 02
StID : 3950
SITE NAME: Fowler-Anderson Mortuary DATE REPORTED : 01/11/91
ADDRESS : 2244 Santa Clara Ave. DATE CONFIRMED: 01/11/91
CITY/ZIP : Alameda 94501 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S	CONTRACT STATUS: 8	EMERGENCY RESP:
RP SEARCH: S		DATE COMPLETED: 04/27/92
PRELIMINARY ASMNT: C	DATE UNDERWAY: 01/16/91	DATE COMPLETED: 03/22/92
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:
REMEDIAL ACTION:	DATE UNDERWAY:	DATE COMPLETED:
POST REMED ACT MON:C	DATE UNDERWAY:	DATE COMPLETED: 03/22/92
ENFORCEMENT ACTION TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 04/27/92	
LUFT FIELD MANUAL CONSID: 2HSCAW		
CASE CLOSED: Y	DATE CASE CLOSED: 08/20/92	
DATE EXCAVATION STARTED : 01/08/91	REMEDIAL ACTIONS TAKEN: ED	

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Smith Anderson
COMPANY NAME: Fowler - Anderson
ADDRESS: 2244 Santa Clara Ave
CITY/STATE: Alameda, C A 94501

91 JAN 32 AM 10:56

January 31, 1991

Water Quality Control Board
San Francisco Bay Region
1800 Harrison Street, Room 700
Oakland, CA. 94612

Attn: William Faulhabee
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA. 94621

Re: Excavation of Contaminated Soil and Sampling at:
2244 Santa Clara Avenue, Alameda, Chain of
Custody and Laboratory Analytical Report.

Gentlemen:

Enclosed are the reports required to be filed with
your agencies.

Sincerely,



Ian Weber
Commercial Realtor

xc: Smith Anderson
Fowler-Anderson Funeral Directors, Inc.
2244 Santa Clara Avenue
Alameda, CA. 94501

Mark Wilson
Wilson & Kratzer Mortuaries
24th St. & Barrett Avenue
Richmond, CA. 94804

P F C

COMMERCIAL
REAL ESTATE

1150 BALLENA BOULEVARD, SUITE 211 ALAMEDA, CALIFORNIA 94501
(415) 521-0720 Δ FAX (415) 521-3972
A Division of Pacific Financial Corporation, Inc.



lic. #478783

TELECOPIER COVER LETTER

DATE January 26, 1991

TO William Juelaker

COMPANY Alameda County Office of Environmental Health

FAX 510-3706

FROM Harry Zaccor

COMPANY ZACCOR CORPORATION

FAX 415)326 7753

TOTAL NO. OF PAGES INCLUDING THIS PAGE 11

IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL

415)363-2181

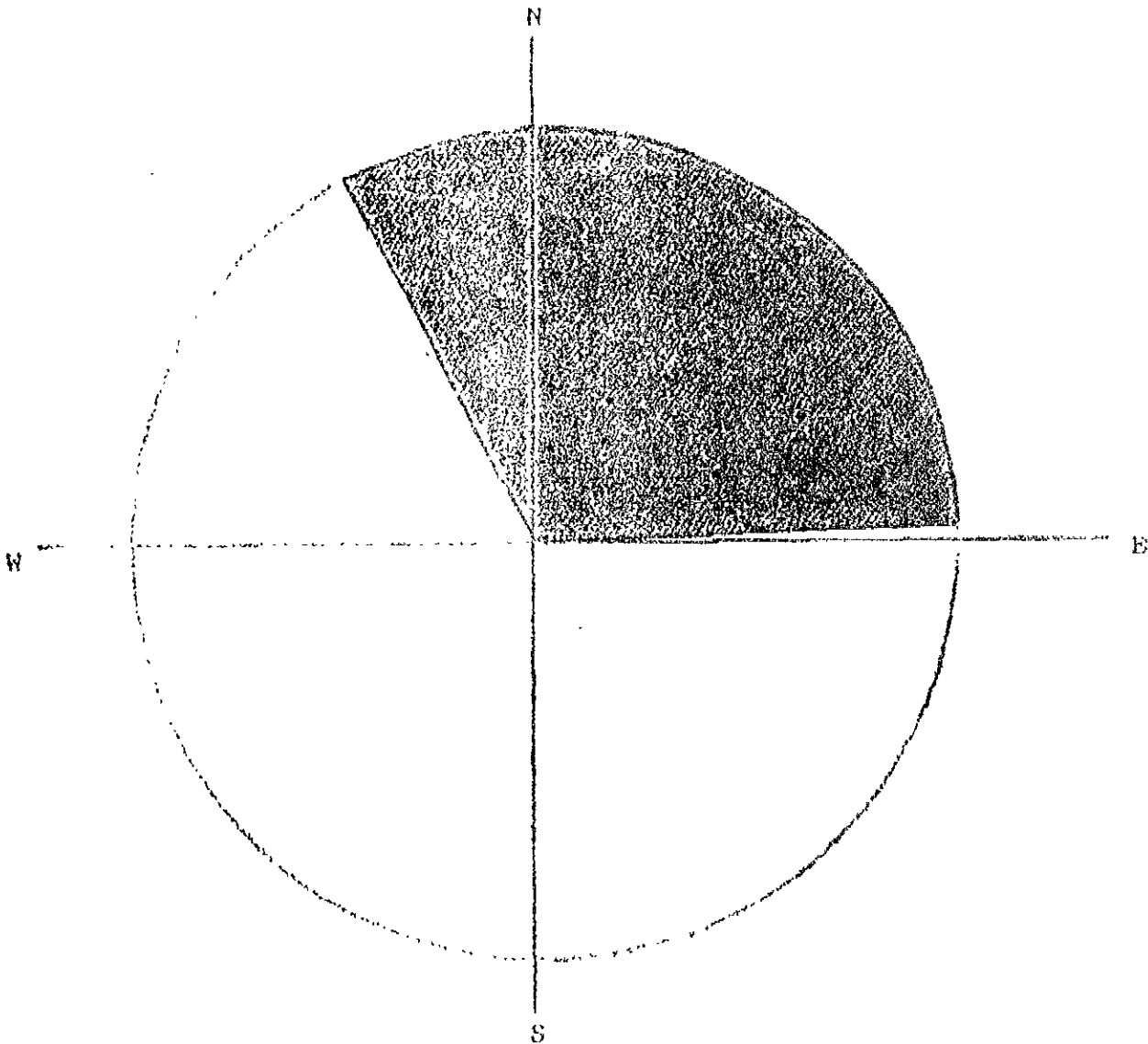
Bill:
This should serve as a basis for

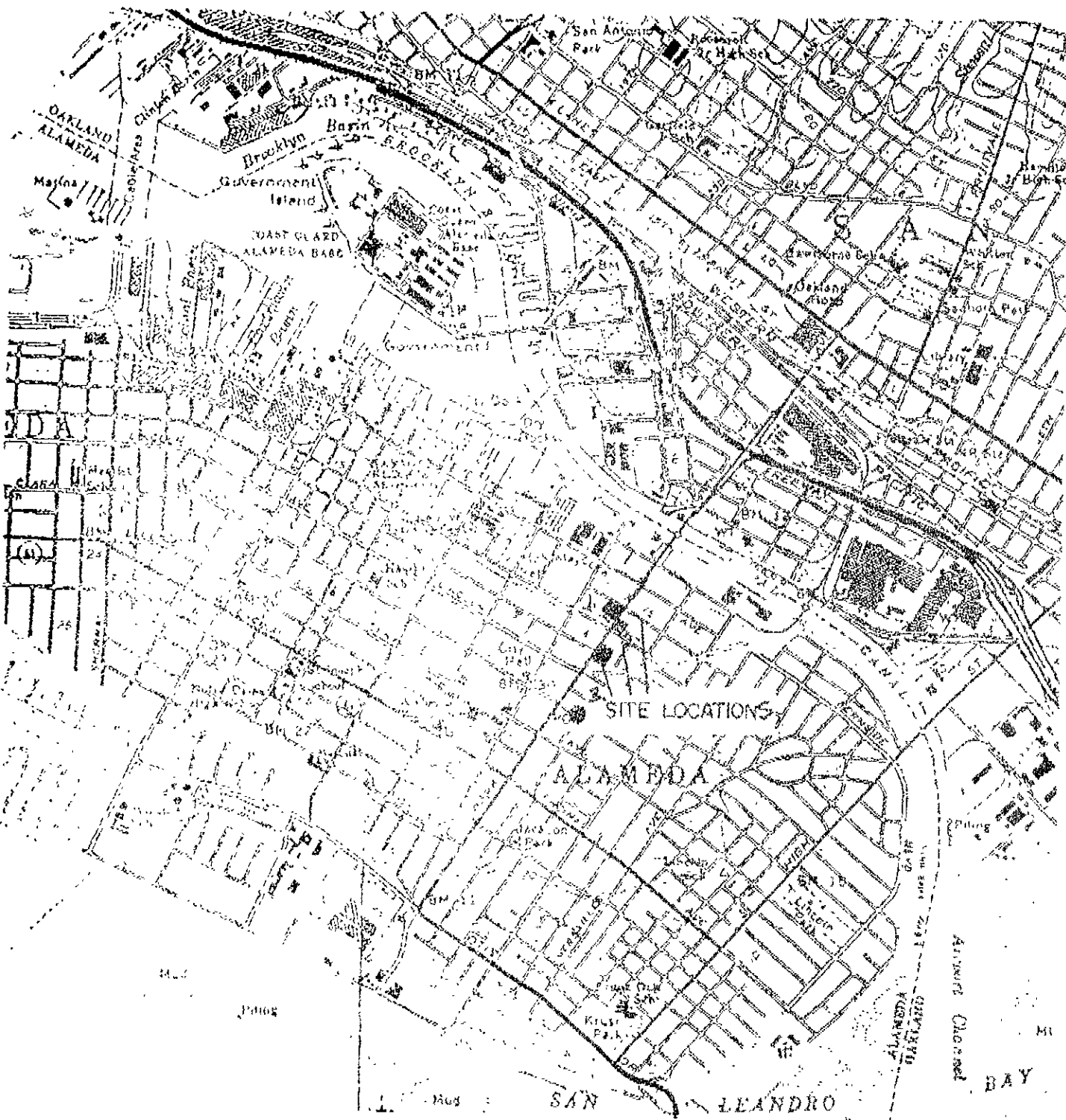
*1825 Park Street
Alameda*

*and
2244 Santa Clara Avenue
Alameda*

Questions, please call me

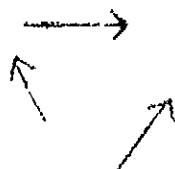
ALAMEDA
GROUNDWATER FLOW DIRECTION VARIATION
(VICINITY OF 2244 SANTA CLARA)





- SITE
- EXXON
 - CAVANAUGH MOTORS
 - ▲ GOOD CHEVROLET
 - 2244 SANTA CLARA AVENUE (APPROX. LOCATION)

GROUNDWATER FLOW (APPROX.)



white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Fowler's Funeral Today's Date 1/18/91
1:27 pm
 Site Address Santa Clara Ave EPA ID# _____
 City Alameda Zip 94 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month?

- Inspection Categories:**
 I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 II. Business Plans, Acute Hazardous Materials
 III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

- IA GENERATOR (Title 22)**
- ___ 1. Waste ID * 66471
 - ___ 2. EPA ID 66472
 - ___ 3. > 90 days 66508
 - ___ 4. Label dates 66508
 - ___ 5. Biennial 66493
-
- Manifest**
- ___ 6. Records 66492
 - ___ 7. Correct 66484
 - ___ 8. Copy sent 66492
 - ___ 9. Exception 66484
 - ___ 10. Copies Rec'd 66492
-
- Misc.**
- ___ 11. Treatment 66371
 - ___ 12. On-site Disp. (H.S.&C.) 26189.5
 - ___ 13. Ex Haz. Waste 66570
-
- Prevention**
- ___ 14. Communications 67121
 - ___ 15. Aisle Space 67124
 - ___ 16. Local Authority 67126
 - ___ 17. Maintenance 67120
 - ___ 18. Training 67105
-
- Contn. gency**
- ___ 19. Prepared 67140
 - ___ 20. Name List 67141
 - ___ 21. Copies 67141
 - ___ 22. Emg. Coord. Trng. 67144
-
- Container, Tanks**
- ___ 23. Condition 67241
 - ___ 24. Compatibility 67242
 - ___ 25. Maintenance 67243
 - ___ 26. Inspection 67244
 - ___ 27. Buffer Zone 67246
 - ___ 28. Tank Inspection 67259
 - ___ 29. Containment 67245
 - ___ 30. Safe Storage 67261
 - ___ 31. Freeboard 67257
-
- IB TRANSPORTER (Title 22)**
- ___ 32. Applic./Insurance 66428
 - ___ 33. Comp. Cert./CHP Insp. 66448
 - ___ 34. Containers 66465
-
- Manifest**
- ___ 35. Vehicles 66465
 - ___ 36. EPA ID #s 66531
 - ___ 37. Correct 66541
 - ___ 38. HW Delivery 66543
 - ___ 39. Records 66544
-
- Cont'n's**
- ___ 40. Name/ Covers 66545
 - ___ 41. Recyclables 66800

Comments:

1. Garage closed (could not observe excavation inside),

2. Stack piled excavation spoils on pavement to west of garage, & covered with plastic film.

3. No activity on site. Generally neat appearance. Yard well swept of soil.

4. Outdoor tankpools backfilled.

Santa Clara Ave

The diagram shows a layout of the site. A large rectangle is labeled 'Main Bldg'. To its right is a vertical line labeled 'Drive'. Below the 'Main Bldg' label, there are two rectangular areas labeled 'Tank Pull areas'. At the bottom center, a circle is labeled 'soil stockpile'. To the right of the 'soil stockpile' is a rectangular area labeled 'garage'. A diagonal line runs from the top left towards the bottom right, possibly representing a fence or boundary.

Rev 6/88

Contact: na

Title: _____

Signature: _____

Inspector: William Faulhaber

Signature: _____

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Fowlers Anderson Mortuary Today's Date 1/24/91
10:30 am
 Site Address 2244 Santa Clara Ave. EPA ID# _____
 City Alameda Zip 94501 Phone 522-5872

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Business Plans, Acute Hazardous Materials
 - III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

- I.A. GENERATOR (Title 22)**
- ___ 1. Waste ID * 66471
 - ___ 2. EPA ID 66472
 - ___ 3. > 90 days 66508
 - ___ 4. Label dates 66508
 - ___ 5. Biennial 66493
- Manifest**
- ___ 6. Records 66492
 - ___ 7. Correct 66484
 - ___ 8. Copy sent 66492
 - ___ 9. Exception 66484
 - ___ 10. Copies Rec'd 66492
- Misc.**
- ___ 11. Treatment 66371
 - ___ 12. On-site Disp. (H.S.&C.) 26189.5
 - ___ 13. Ex Haz. Waste 66570
- Prevention**
- ___ 14. Communications 67121
 - ___ 15. Aisle Space 67124
 - ___ 16. Local Authority 67126
 - ___ 17. Maintenance 67120
 - ___ 18. Training 67105
- Compl. Agency**
- ___ 19. Prepared 67140
 - ___ 20. Name List 67141
 - ___ 21. Copies 67141
 - ___ 22. Emg. Coord. Tmg. 67144
- Containers, Tanks**
- ___ 23. Condition 67241
 - ___ 24. Compatibility 67242
 - ___ 25. Maintenance 67243
 - ___ 26. Inspection 67244
 - ___ 27. Buffer Zone 67246
 - ___ 28. Tank Inspection 67259
 - ___ 29. Containment 67245
 - ___ 30. Safe Storage 67261
 - ___ 31. Freeboard 67257
- I.B. TRANSPORTER (Title 22)**
- ___ 32. Applic./Insurance 66428
 - ___ 33. Comp. Cert./CHP Insp. 66448
 - ___ 34. Containers 66465
- Manifest**
- ___ 35. Vehicles 66465
 - ___ 36. EPA ID #s 66531
 - ___ 37. Correct 66541
 - ___ 38. HW Delivery 66543
 - ___ 39. Records 66544
- Cont'r**
- ___ 40. Name/ Covers 66545
 - ___ 41. Recyclables 66800

Comments:

1. Observed excavation inside garage on rear of lot to remove oil contaminated soil. Mr. Zacor stated that sampling would be done later today to confirm that "over-excavation" had removed all oily soil.

2. Excavation is to be backfilled ASAP with pea gravel as soon as soil test are done, because there is danger of cave-in damaging the garage structure.

3. Pea gravel already stockpiled on site.

4. 1/2 hr on site.

Rev 6/88

Contact: _____
 Title: _____
 Signature: _____

Inspector: William F. Faulhaber
 Signature: William F. Faulhaber

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Scuder-Frederson Suderson Today's Date 1/8/91
 Site Address 2244 Santa Clara Ave EPA ID# _____
 City Alameda Zip 94501 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

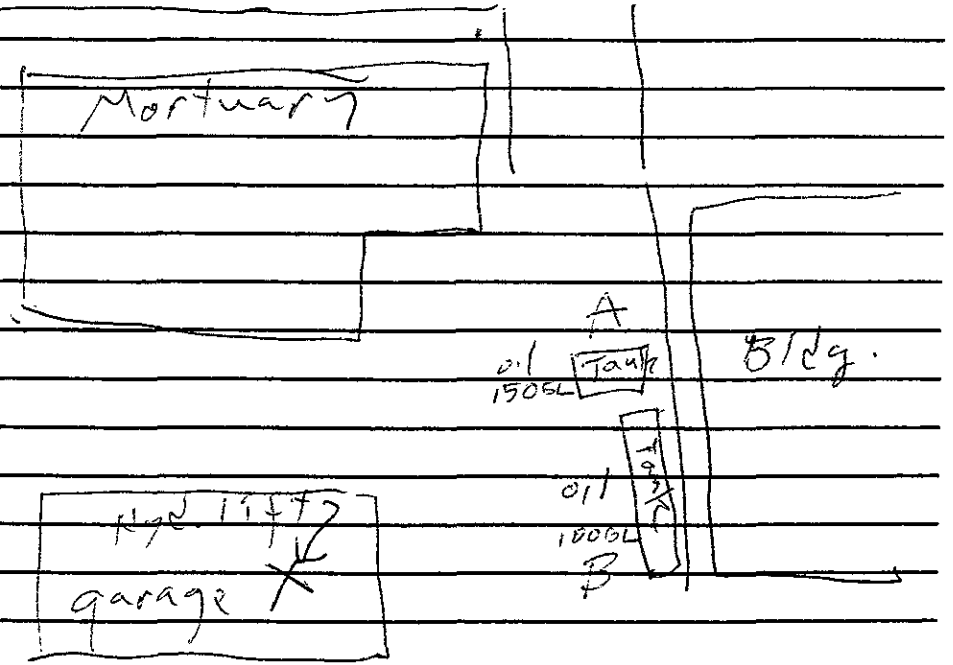
I.A GENERATOR (Title 22)

- | | | |
|-------------------|-----------------------------|---------|
| Manifest | 1. Waste ID | * 66471 |
| | 2. EPA ID | 66472 |
| | 3. > 90 days | 66508 |
| | 4. Label dates | 66508 |
| | 5. Biennial | 66493 |
| Manifest | 6. Records | 66492 |
| | 7. Correct | 66484 |
| | 8. Copy sent | 66492 |
| | 9. Exception | 66484 |
| | 10. Copies Rec'd | 66492 |
| Misc. | 11. Treatment | 66371 |
| | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | 13. Ex Haz. Waste | 66570 |
| Prevention | 14. Communications | 67121 |
| | 15. Aisle Space | 67124 |
| | 16. Local Authority | 67126 |
| | 17. Maintenance | 67120 |
| | 18. Training | 67105 |
| Compliance | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 67144 |
| Containers, Tanks | 23. Condition | 67241 |
| | 24. Compatibility | 67242 |
| | 25. Maintenance | 67243 |
| | 26. Inspection | 67244 |
| | 27. Buffer Zone | 67246 |
| | 28. Tank Inspection | 67259 |
| | 29. Containment | 67245 |
| | 30. Safe Storage | 67261 |
| | 31. Freeboard | 67257 |

Comments:

1. Arrived 0845 am Jacob and Environmental Technical Services. Helen Mahanney on site. Also buyers rep Ian Weber (521-01120).
 2. Two small tanks & one hydraulic lift being removed. Location as on drawing

Santa Clara Ave



I.B TRANSPORTER (Title 22)

- | | | |
|----------|---------------------------|-------|
| Manifest | 32. Applic./Insurance | 66428 |
| | 33. Comp. Cert./CHP Insp. | 66448 |
| | 34. Containers | 66465 |
| Manifest | 35. Vehicles | 66465 |
| | 36. EPA ID #s | 66531 |
| | 37. Correct | 66541 |
| | 38. HW Delivery | 66543 |
| | 39. Records | 66544 |
| Cont's | 40. Name/ Covers | 66545 |
| | 41. Recyclables | 66800 |

Rev 6/88

Contact: _____
 Title: _____
 Signature: _____

Inspector: William F. Faulhaber
 Signature: _____

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Fowler Today's Date 1/8/90
 Site Address 2244 Santa Clara EPA ID# _____
 City Alameda Zip 94 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A. GENERATOR (Title 22)

- | | | |
|--------------------------|-----------------------------|---------|
| ___ | 1. Waste ID | * 66471 |
| ___ | 2. EPA ID | 66472 |
| ___ | 3. > 90 days | 66508 |
| ___ | 4. Label dates | 66508 |
| ___ | 5. Biennial | 66493 |
| Manifest | | |
| ___ | 6. Records | 66492 |
| ___ | 7. Correct | 66484 |
| ___ | 8. Copy sent | 66492 |
| ___ | 9. Exception | 66484 |
| ___ | 10. Copies Rec'd | 66492 |
| Misc. | | |
| ___ | 11. Treatment | 66371 |
| ___ | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| ___ | 13. Ex Haz. Waste | 66570 |
| Prevention | | |
| ___ | 14. Communications | 67121 |
| ___ | 15. Aisle Space | 67124 |
| ___ | 16. Local Authority | 67126 |
| ___ | 17. Maintenance | 67123 |
| ___ | 18. Training | 67105 |
| Contin. gency | | |
| ___ | 19. Prepared | 67140 |
| ___ | 20. Name List | 67141 |
| ___ | 21. Copies | 67141 |
| ___ | 22. Emg. Coord. Trng. | 67144 |
| Containers, Tanks | | |
| ___ | 23. Condition | 67241 |
| ___ | 24. Compatibility | 67242 |
| ___ | 25. Maintenance | 67243 |
| ___ | 26. Inspection | 67244 |
| ___ | 27. Buffer Zone | 67246 |
| ___ | 28. Tank Inspection | 67259 |
| ___ | 29. Containment | 67245 |
| ___ | 30. Safe Storage | 67261 |
| ___ | 31. Freeboard | 67257 |

Comments:

Tank "B" > 20% LEL on first try.
 Tank "A" OK. Pulled at 9:15am
 Sandy soil. Tank rusted but no holes.
 No water in excavation. No odor.
 Tank "B" 12" dia X 11" long (50 gal)
 purged using exhaust from backhoe.
 Tank "A" sample labeled "2244 Santa Clara
 No. 1"
 Tank "B" sample labeled "2244 Santa Clara
 No. 2"
 Tank "B" excavation: wet sand, only
 1 1/2' deep. No odor or staining.
 Asked for TPH-D, DOG, BTEX on
 both samples.
 → Liquidary shop next door has
 gasoline pump - (2254 Santa Clara
 liquidary shop in rear - residence in front)

I.B. TRANSPORTER (Title 22)

- | | | |
|-----------------|---------------------------|-------|
| ___ | 32. Applic./Insurance | 66428 |
| ___ | 33. Comp. Cert./CHP Inso. | 66448 |
| ___ | 34. Containers | 66465 |
| Manifest | | |
| ___ | 35. Vehicles | 66465 |
| ___ | 36. EPA ID #s | 66531 |
| ___ | 37. Correct | 66541 |
| ___ | 38. HW Delivery | 66543 |
| ___ | 39. Records | 66544 |
| Cont'n's | | |
| ___ | 40. Name/ Covers | 66545 |
| ___ | 41. Recyclables | 66800 |

Rev 6/88

Contact: _____
 Title: _____
 Signature: _____

Inspector: William F. Faulhaber
 Signature: _____

January 16, 1990

91 JAN 24 AM 10:50

Alameda County
Office of Environmental Health
80 Swan Way
Alameda, CA 94501

Attn. Mr. Wm. Faulhaber

RE: The Removal of Underground Storage Tanks and the
Subsequent Field Sampling at 2244 Santa Clara Ave.
Alameda, CA

Bill:

Enclosed please find the hard copy analytical report for tank
removal, and subsequent soil sampling completed at:

FOWLER-ANDERSON MORTUARY
2244 SANTA CLARA AVE.
ALAMEDA, CA 94501

Also enclosed is are copies of the manifest documentation for this
project. Zaccor Corporation has mailed one copy of this report to
the property owner and has requested that one copy of this report
be mailed to the Water Quality Control Board, San Francisco
Region.

If I may be of further assistance to you, please do not hesitate
to contact my office at (415) 363-2181.

Sincerely,
ZACCOR CORPORATION

Gary A. Zaccor
Gary A. Zaccor
Project Manager

GAZ/lrs

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621**

PHONE NO. 415/271-4320

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th Street, Third Floor
 Oakland, CA 94612
 Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by Department are to assure compliance with State and local laws. The project proposed herein is new required for advance of any required building permits for construction. One copy of these accepted plans must be on the job site available to all contractors and craftsmen involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- _____ Removal of Tank and Piping
- _____ Sampling
- _____ Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Fowler-Anderson Mortuary
 Business Owner Smith Anderson
2. Site Address 2244 Santa Clara Avenue
 city Alameda, CA Zip 94501 Phone 522-5872
521-0720 or
521-3972 FAX
3. Mailing Address 2244 Santa Clara Avenue
 city Alameda, CA Zip 94501 Phone 415-522-5872
4. Land Owner Fowler-Anderson
 Address 2244 Santa Clara Ave City, State Alameda, CA Zip 94501
5. EPA I.D. No. CAC000349480
6. Contractor Zacco Companies, Inc.
 Address 791 Hamilton Avenue
 city Menlo Park, CA Phone 363-2181
 License Type A ID# 478799
7. Consultant Environmental Technical Services
 Address P.O. Box 2572
 city Menlo Park, Phone 325-3235

8. Contact Person for Investigation

Name Gary A. Zaccor Title Proj. Mgr.
Phone 363-2181

9. Total No. of Tanks at facility 2

10. Have permit applications for all tanks been submitted to this office? Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Atled Oil & Pumping EPA I.D. No. CAT080014277
Address P.O. Box 399
City Atvls0, CA State _____ Zip 95002

b) Rinsate Transporter

Name Atled Oil & Pumping EPA I.D. No. CAT080014277
Address P.O. Box 399
City Atvls0 State CA Zip 95002

c) Tank Transporter

Name ERICKSON, INC. EPA I.D. No. CAD009466392
Address 225 Parr Blvd., Richmond, CA
City Richmond State CA Zip 94804

d) Tank Disposal Site

Name ERICKSON, INC. EPA I.D. No. CAD009466392
Address 225 Parr Blvd., Richmond, CA
City Richmond State CA Zip 94804

e) Contaminated Soil Transporter

Name ERICKSON, INC. EPA I.D. No. _____
Address -same as above-
City _____ State _____ Zip _____

12. Sample Collector

Name Helen Mawhorney
 Company Environmental Technical Services
 Address P.O. Box 2572
 city MENLO PARK State CA zip 94026 Phone 415-325-3235

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
250	waste oil	- soil/grd H ₂ O (if present)	One sample beneath each tank no deeper than 2' below the tank bottom.
250	clean oil	- soil	

* One sample will be collected for every 20 feet of piping. all piping will be flushed into the tank before inerting. *

14. Have tanks or pipes leaked in the past? Yes [] No [X] unknown

If yes, describe. _____

15. NFPA methods used for rendering tank inert? Yes [x] No []

If yes, describe. triple rinse, hydroblast and dry ice at
6.5 lbs per 100 gallons

An explosion proof combustible gas meter shall be used to verify tank inertness. Gastech 1314

16. Laboratories

Name Anamatrix Labs inc.
 Address 1961 Concourse Dr. Ste. F.
 city San Jose State CA Zip 94549 95131
 State Certification No. 151

* all piping to be removed or plugged.

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
TPH C TPH D BTXE O & G Chlorinated Hydro Col, Cr, Pb, Zn, Ni PCB, PCP, PNA & Creosote	5030 3550 8020 or 8240 prep 5520 D & F 8010 or 8240 prep 1 Cap or AA 8270 prep method	GCFID ✓ 8020 or 8240 5520 D + F 8010 or 8240 1 cap or AA 8270 detection limits must meet RWOCB detection limits.

18. Submit Site Safety Plan

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer State Fund - 0801858

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

a) Chain of Custody Sheets

b) Original Signed Laboratory Reports

c) TSD to Generator copies of wastes shipped and received

d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) ZACCOR CORPORATION

Signature Gary A. Zaccos

Date December 18, 1990

Signature of Site Owner or Operator

Name (please type) _____

Signature Smith C. Anderson

Date December 19, 1990

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

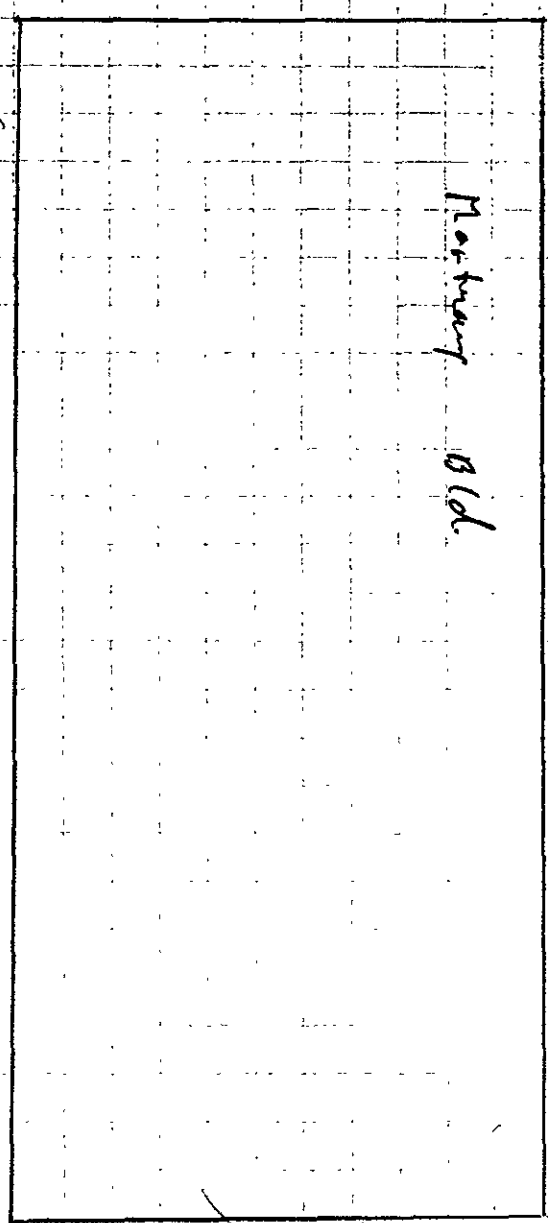
ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

Plot Plan For Fowler - Anderson Northway At 2244 Santa - Clara - Alameda

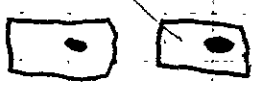
Northway Old



Driveway + Parking Area

250 Gal
Clean oil →

250 Gal
Waste oil →



**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

March 29, 1990

POLICY NUMBER: 801858-90
CERTIFICATE EXPIRES: 03-15-91

Alameda County Environmental Health
80 Swan Wy Rm 200
Oakland, Ca 94621

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ³⁰~~ten~~ days' advance written notice to the employer.

We will also give you ³⁰~~TEN~~ days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

John A. Stett
PRESIDENT

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE
EFFECTIVE 03-15-90 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

RECEIVED
4/2/90

EMPLOYER

Zaccor Companies Inc
791 Hamilton Ave
Menlo Park, Ca 94025

SITE HEALTH AND SAFETY PLAN SUMMARY

SITE NAME: *Fowler-Anderson Mortuary*

ADDRESS: *2244 Santa Clara Avenue
Alameda, CA 94501*

SITE TELEPHONE: (415) 999-2017 (Gary Zaccor mobile)
(415) 999-2016 (Scot Zaccor mobile)

INVESTIGATION DATE:

Project No.: *1290-67*

SITE SAFETY OFFICER: Scot Zaccor

PROJECT MANAGER: Gary Zaccor

<u>TYPE OF INVESTIGATION</u>	<u>POTENTIAL HAZARDS</u>
<input checked="" type="checkbox"/> Soils Sampling	<input checked="" type="checkbox"/> Organics <input type="checkbox"/> Acids
<input checked="" type="checkbox"/> Groundwater Sampling	<input type="checkbox"/> Inorganics <input type="checkbox"/> Bases
<input type="checkbox"/> Site walkthrough	<input checked="" type="checkbox"/> Heavy Metals <input type="checkbox"/> Fire
<input checked="" type="checkbox"/> Remedial Activities	<input checked="" type="checkbox"/> Solvents
<input checked="" type="checkbox"/> Subcontractor Supervision	<input type="checkbox"/> Pesticides
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____

PERSONAL PROTECTIVE EQUIPMENT Level: A B C D

<input checked="" type="checkbox"/> Hard Hat	<input checked="" type="checkbox"/> Ear Plugs/Muffs
<input checked="" type="checkbox"/> Boots	<input checked="" type="checkbox"/> Safety Glasses
<input checked="" type="checkbox"/> Steel toed	<input type="checkbox"/> Respirator
<input type="checkbox"/> Chemical resistant	<input type="checkbox"/> Organic vapor cartridges
<input type="checkbox"/> Coveralls	<input type="checkbox"/> Particulate filters
<input type="checkbox"/> Cotton	<input type="checkbox"/> other:
<input type="checkbox"/> Tyveks	<input checked="" type="checkbox"/> First Aid Kit
<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Organic Vapor Meter
<input type="checkbox"/> Disposable inner PVC	<input type="checkbox"/> Other: OVA (OVM backup)
<input type="checkbox"/> Disposable outer <u>vinyl</u>	

1.0 INTRODUCTION

This Site Health and Safety Plan, developed in accordance with Occupational Safety and Health Administrative (OSHA) standards for hazardous waste operations (29 CFR 1910.120), establishes general health and safety protocol for Zaccor Companies, Inc., ("ZCI") personnel at the Tank Removal @ 2244 Santa Clara Ave, Alameda.

For informational purposes only, this plan may be provided to subcontractors of ZCI involved in activities at the 2244 Santa Clara Ave, Alameda facility. However, entities and personnel other than ZCI staff shall be solely responsible for their own health and safety and shall independently assess onsite conditions and develop their own health and safety protocol. Other entities or personnel that anticipate using health and safety measures which are less stringent than ZCI's measures should immediately contact ZCI's Site Safety Officer.

Zaccor Companies, Inc. has developed a corporate health and safety plan. The Corporate Plan complies with current health and safety regulations, including OSHA 29 CFR 1910.120, Hazardous Waste Operations and Emergency Repsonse. Many of the protocols of the corporate plan are conducted on a routine basis (general training, respirator fit testing, general medical record keeping, etc.) and are not repeated herein. The Corporate Plan was developed for ZCI employees. Questions regarding the ZCI Corporate Plan are referred to the ZCI Corporate Safety Supervisor, Scot Zaccor.

A copy of the Zaccor Companies, Inc. Field Investigations Site Health and Safety Plan along with any addenda, if issued, containing activity specific health and safety information will be kept in a conspicuous location on-site at all times while work is being conducted.

2.0 KEY HEALTH AND SAFETY PERSONNEL

The ZCI Site Safety Officer (SSO) is Scot Zaccor. In the absence of the SSO during field activities, a member of the field investigation team will be designated as the ZCI Field Site Safety Officer (FSSO). The SSO or FSSO are responsible for the following:

- Observing field activities for compliance with this Site Health and Safety Plan, applicable addenda, ZCI's Corporate Health and Safety Plan.
- Modifying health and safety protocols or terminating field work when unsafe work conditions exist.

- Familiarizing ZCI personnel with health and safety protocols.
- Ensuring that ZCI field personnel wear appropriate personal protective equipment.
- Recording data from direct reading instruments and evaluating potential hazards to ZCI personnel.
- Monitoring decontamination procedures.
- Recording the occurrence of any site injury or illness.

3.0 SITE DESCRIPTION AND HISTORY

Removal of (1) 250 gallon empty waste oil tank.
 Removal of (1) 250 gallon empty clean oil tank.
 Repave disturbed areas with hot asphalt.

4.0 PROPOSED FIELD ACTIVITIES

The proposed field activities include:

1. Excavation of areas where underground storage tanks are potentially located.
2. Soil sampling a/o groundwater sampling.
3. Backfilling the excavation.
4. Re-covering the disturbed areas with asphaltic concrete or concrete (mix to be specified per City specs).

5.0 HAZARD ANALYSIS

5.1 POTENTIAL PHYSICAL HAZARDS

Field personnel should be cognizant of potential physical hazards associated with use of heavy equipment, steam cleaning equipment, and electrical equipment during field operations. Equipment should be operated by S.A.R.A. trained personnel. Appropriate protective equipment includes the following:

- Hardhats, safety glasses, and steel-toe boots will be worn.
- Gloves will be worn when handling equipment or moving drums.
- Hearing protection (ear plugs or ear muffs) will be worn when noise becomes discomforting.

- A first aid kit will be available at the jobsite.

Adverse climate conditions, primarily heat, are important considerations in planning and conducting site operations. Heat stress is an associated concern, particularly when protective clothing is worn. Preventative measures include the following:

- Frequent rest periods in the shade when heat and/or humidity is high.
- Provide water and/or commercial electrolyte solutions. Drinking of these fluids will be encouraged.
- Suitable acclimation periods will be provided for workers to gradually establish their resistance to heat stress.

Personnel exhibiting symptoms of heat stress (nausea, cramps, dizziness, clammy skin) will be removed from the work area, cooled, fluids will be administered, and the personnel will be observed. Personnel exhibiting symptoms of heat stroke (hot dry skin, mental confusions, unconsciousness) will be immediately cooled and taken to the hospital.

ZCI FIELD PERSONNEL SHOULD NOT ENTER ANY EXCAVATIONS. ZCI personnel should be aware of the potential hazards associated with unshored excavations, and should not stand on unsupported ground within 5 feet of any unshored or unsloped walls of the excavation.

5.2 POTENTIAL CHEMICAL HAZARDS

Volatile organics and heavy metals are the primary chemicals of concern detected in the sample of soil and sludge.

Field personnel could potentially be exposed to the heavy metals by direct contact with soil, or through inhalation of dusts containing heavy metals. Field personnel could potentially be exposed to volatile organics by direct contact with soil or groundwater.

Field personnel will minimize potential chemical hazards by 1) standing upwind of the work area when possible. 2) avoiding direct contact with soil and groundwater, 3) avoiding generation of dust (visual monitoring), and 4) wearing appropriate personal protective equipment as outlined in Section 6.1. As a general precaution to detect organic vapors, air monitoring to measure organic vapor concentrations in the breathing zone will be performed.

Ingestion of soil and particulate matter containing chemicals is another general exposure route. However, the potential for this type of exposure is minimal during site investigation of the type planned. Safe work practices, including prohibition of eating, drinking, or smoking on site will be enforced at the worksite.

Field personnel will wear coveralls at the site (if required) to minimize contact of clothing with mud and soil potentially containing contaminants. Used and soiled coveralls will be removed and disposed in onsite, before leaving the area. Shoes, tools, and hands will be cleaned before leaving the site.

5.3 COMMUNITY HAZARD ANALYSIS

Vapor emissions generated during the proposed field activities are expected to be insignificant. Potential exposure to the surrounding community is unlikely. If significant vapor emissions do occur, the work will be stopped and corrective actions implemented to reduce vapor emissions.

6.0 PROTECTIVE ACTIONS

6.1 PERSONAL PROTECTIVE EQUIPMENT

Field personnel will wear equipment to protect against the potential physical and chemical hazards which have been identified herein and those that become apparent in the field. Level D protection will be required at a minimum for field activities at the site. Level D personal protective equipment to be used will include:

- Hard Hat
- Chemical resistant disposable gloves
- Boots, steel toe and shank
- Safety glasses and earplugs

Modified Level C protection will be required during collection or handling of soil samples and whenever VOCs are found in the workspace, based on OVM readings. In addition to the Level D protection above, modified Level C protection includes:

- Tyvek coveralls
- Respiratory protection consisting of a half-mask purifying respirator with organic and particulate filter cartridges.

The level of protection employed for general site activities by ZCI personnel may be upgraded, as deemed necessary to the Site Safety Officer. If significant dust generation occurs or organic vapors are detected (see Monitoring below), the Site Safety Officer may require modified Level C protection, i.e., donning of respirator.

6.2 SITE CONTROL

Unauthorized and unprotected individuals will be requested to remain out of the area where work is being performed. Specific work zones will not be established for Level D activities at the facility. Work zones, including designation of an exclusion zone, a contamination reduction zone, and a support zone will be established for field activities which require Level C protection.

6.3 MONITORING

Field personnel will perform air monitoring continuously with a direct reading organic vapor meter (OVM) in the breathing zone at the work location. If OVM readings for a particular work area consistently exceed 5 parts per million (ppm) above background, personnel will withdraw upwind from the work area, if possible, or upgrade to modified Level C protection as outlined in Section 6.1. If OVM readings consistently exceed 10 ppm in the breathing zone while workers are in modified Level C protection, then work will cease and the source of the emission will be identified and controlled before work continues.

7.0 DECONTAMINATION

Minimum decontamination procedures associated with modified Level C protection will be followed, and established within the decontamination reduction zone. At the conclusion of each day, disposable gloves and coveralls will be removed and disposed of in on-site, designated containers. In addition, work boots will be removed and cleaned in a decontamination solution, or by using a pressurized spray washer, prior to leaving the site.

Decontamination procedures for modified Level C protection will be as follows:

Station 1: Equipment Drop Deposit equipment (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) in a designated area.

Station 2: Boot and outer glove wash and rinse Scrub boots and outer gloves with TSP solution. Rinse off using copious amounts of water.

Station 3: Outer glove removal Remove outer gloves and deposit in designated receptacle.

Station 4: Gloves and outer garment removal Remove Tyveks and inner gloves and deposit in designated containers.

Station 5: Face Piece Removal Remove facepiece. Avoid excessively touching facepiece with fingers. Dispose of canisters in designated receptacle and wash facepiece in TSP solution.

Station 6: Field wash Thoroughly wash hands and face. Shower as soon as possible.

8.0 TRAINING

ZCI personnel participating in field activities will have completed the Hazardous Waste Operations and Emergency Response 40-hour health and safety training course (29 CFR 1910.120). Training requirements are discussed in ZCI Corporate Health and Safety Program. Prior to each day work, a meeting will be held at the site to familiarize personnel with health and safety issues, protective equipment, emergency information and supplies, and to discuss special topics.

9.0 MEDICAL MONITORING

ZCI personnel participating in field activities are included in a medical monitoring program. The program includes a baseline physical examination, pulmonary function test, and blood and urine tests. Annual follow-up examinations are included. Details of the medical program are included in ZCI's Corporate Health and Safety Program.

10.0 SITE FACILITIES

The site will be equipped with rest room. Drinking water will also be available.

11.0 EMERGENCY RESPONSE PLAN

The nature of work at the jobsite makes emergencies a continual possibility. The ZCI Site Safety Officer (SSO) will be familiar with emergency procedures and evacuation routes.

If an injury occurs due to an accident, the SSO will be immediately notified so appropriate first aid can begin and medical attention arranged, if necessary. The SSO will investigate the nature and cause of the accident so that work procedures can be modified to minimize the likelihood of the incident's recurrence.

A first aid kit and emergency wash water will be readily available.

Routine and emergency communication will be provided by the mobile telephone. Emergency telephone numbers are given in Table 1. For emergencies not requiring an ambulance, injured personnel will be transported to (see attached map).

Signatures

Site Safety Officer Scott Zaccov Date 12/18/90

Corporate Safety Supervisor Gary G. Zaccov Date 12/18/90

Project Manager Gary G. Zaccov Date 12/18/90

TABLE 1

EMERGENCY INFORMATION

EMERGENCY TELEPHONE NUMBERS

In emergency:

911

Site Telephone:

Gary's mobile
Scot's mobile

(415) 999-2017
(415) 999-2016

Hospital:

Alameda Hospital
2070. Clinton Avenue
Alameda,

(415) 522-3700

Police and Fire Departments:

911

Poison Control:

1 (800) 792-0720

Zaccor Companies, Inc.

Project Manager, Gary Zaccor

(415) 363-2181 (w)
(415) 965-5190 (h)

Site Safety Officer, Scot Zaccor

(415) 363-2181 (w)
(415) 327-7998 (h)

Corp. Safety Officer, Scot Zaccor

(415) 363-2181 (w)
(415) 965-5190 (h)

Directions to Emergency Hospital (see Attached Map)

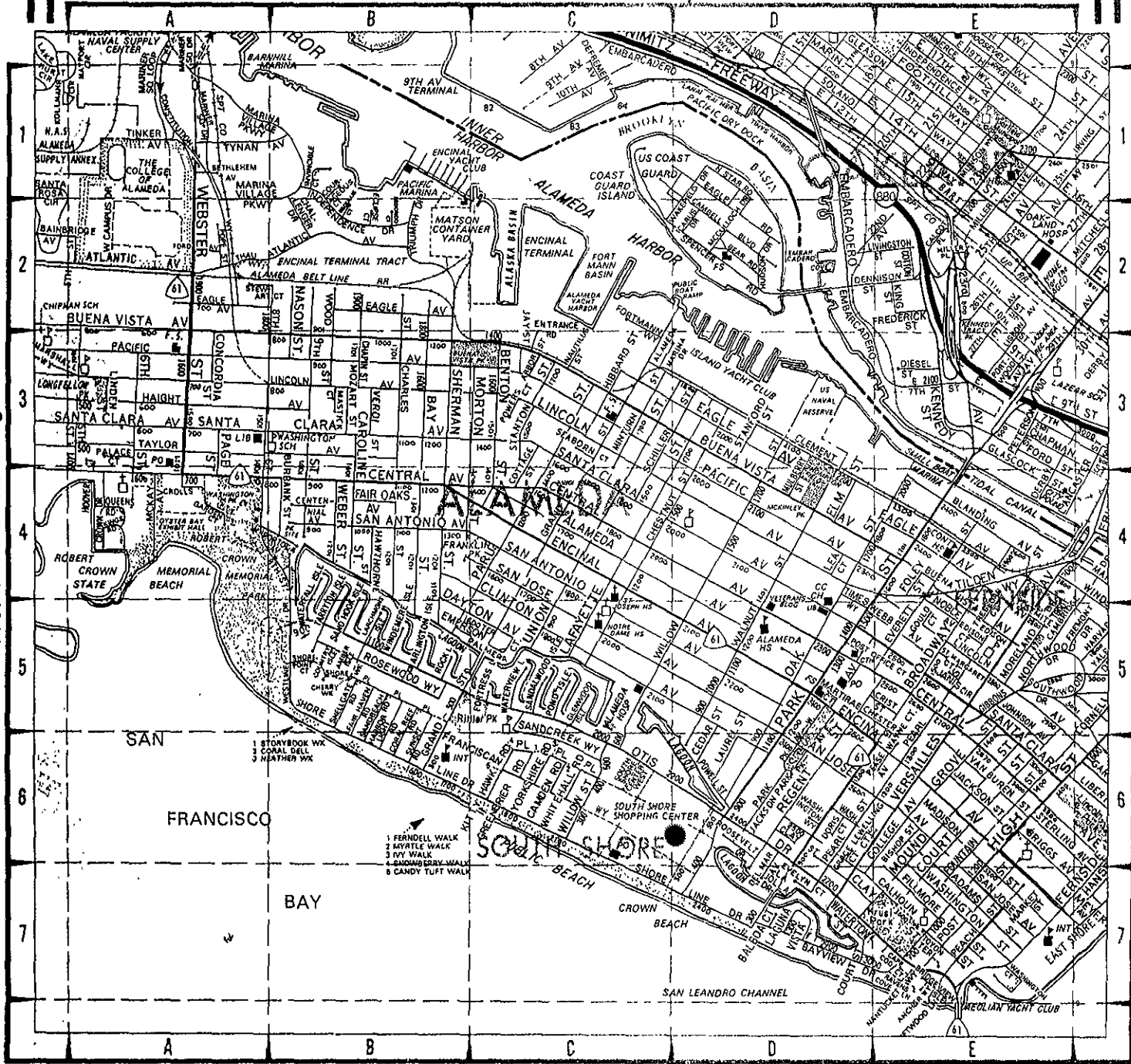
Alameda Hospital - 2070 Clinton Avenue, Alameda, CA

FOR CONTINUATION SEE MAP 9415-522-3700

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FOR CONTINUATION SEE MAP 8

FOR CONTINUATION SEE MAP 12



SITE HEALTH AND SAFETY PLAN SUMMARY

SITE NAME: FOWLER-ANDERSON MORTUARY

ADDRESS: 2244 Santa Clara Avenue
Alameda, CA 94501

SITE TELEPHONE: (415) 999-2017 (Gary Zaccor mobile)
(415) 999-2016 (Scot Zaccor mobile)

INVESTIGATION DATE: at discretion of Health Dept.

Project No.: 191-5

SITE SAFETY OFFICER: Scot Zaccor

PROJECT MANAGER: Gary Zaccor

<u>TYPE OF INVESTIGATION</u>	<u>POTENTIAL HAZARDS</u>
<input checked="" type="checkbox"/> Soils Sampling	<input checked="" type="checkbox"/> Organics [] Acids
<input checked="" type="checkbox"/> Groundwater Sampling	[] Inorganics [] Bases
[] Site walkthrough	[] Heavy Metals [] Fire
<input checked="" type="checkbox"/> Remedial Activities	[] Solvents
<input checked="" type="checkbox"/> Subcontractor Supervision	[] Pesticides
[] Other: _____	[] Other: _____

PERSONAL PROTECTIVE EQUIPMENT Level: A [] B [] C D []

<input checked="" type="checkbox"/> Hard Hat	<input checked="" type="checkbox"/> Ear Plugs/Muffs
<input checked="" type="checkbox"/> Boots	<input checked="" type="checkbox"/> Safety Glasses
<input checked="" type="checkbox"/> Steel toed	<input checked="" type="checkbox"/> Respirator
[] Chemical resistant	<input checked="" type="checkbox"/> Organic vapor cartridges
[] Coveralls	[] Particulate filters
[] Cotton	[] other:
<input checked="" type="checkbox"/> Tyveks	<input checked="" type="checkbox"/> First Aid Kit
<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Organic Vapor Meter
[] Disposable inner PVC	[] Other: OVA (OVM backup)
[] Disposable outer vinyl	

1.0 INTRODUCTION

This Site Health and Safety Plan, developed in accordance with Occupational Safety and Health Administrative (OSHA) standards for hazardous waste operations (29 CFR 1910.120), establishes general health and safety protocol for Zaccor Companies, Inc., ("ZCI") personnel at the Fowler-Anderson Mortuary 2244 Santa Clara Ave. (Alameda, CA)

For informational purposes only, this plan may be provided to subcontractors of ZCI involved in activities at the 2244 Santa Clara Ave., Alameda, California facility. However, entities and personnel other than ZCI staff shall be solely responsible for their own health and safety and shall independently assess onsite conditions and develop their own health and safety protocol. Other entities or personnel that anticipate using health and safety measures which are less stringent than ZCI's measures should immediately contact ZCI's Site Safety Officer.

Zaccor Companies, Inc. has developed a corporate health and safety plan. The Corporate Plan complies with current health and safety regulations, including OSHA 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response. Many of the protocols of the corporate plan are conducted on a routine basis (general training, respirator fit testing, general medical record keeping, etc.) and are not repeated herein. The Corporate Plan was developed for ZCI employees. Questions regarding the ZCI Corporate Plan are referred to the ZCI Corporate Safety Supervisor, Scot Zaccor.

A copy of the Zaccor Companies, Inc. Field Investigations Site Health and Safety Plan along with any addenda, if issued, containing activity specific health and safety information will be kept in a conspicuous location on-site at all times while work is being conducted.

2.0 KEY HEALTH AND SAFETY PERSONNEL

The ZCI Site Safety Officer (SSO) is Scot Zaccor. In the absence of the SSO during field activities, a member of the field investigation team will be designated as the ZCI Field Site Safety Officer (FSSO). The SSO or FSSO are responsible for the following:

- Observing field activities for compliance with this Site Health and Safety Plan, applicable addenda, ZCI's Corporate Health and Safety Plan.
- Modifying health and safety protocols or terminating field work when unsafe work conditions exist.

- Familiarizing ZCI personnel with health and safety protocols.
- Ensuring that ZCI field personnel wear appropriate personal protective equipment.
- Recording data from direct reading instruments and evaluating potential hazards to ZCI personnel.
- Monitoring decontamination procedures.
- Recording the occurrence of any site injury or illness.

3.0 SITE DESCRIPTION AND HISTORY

See enclosed Baseline report. (page 1)

4.0 PROPOSED FIELD ACTIVITIES

The proposed field activities include:

1. Excavation of areas where underground storage tanks are potentially located.
2. Soil sampling a/o groundwater sampling.
3. Backfilling the excavation.
4. Re-covering the disturbed areas with asphaltic concrete or concrete (mix to be specified per City specs).

5.0 HAZARD ANALYSIS

5.1 POTENTIAL PHYSICAL HAZARDS

Field personnel should be cognizant of potential physical hazards associated with use of heavy equipment, steam cleaning equipment, and electrical equipment during field operations. Equipment should be operated by S.A.R.A. trained personnel. Appropriate protective equipment includes the following:

- Hardhats, safety glasses, and steel-toe boots will be worn.
- Gloves will be worn when handling equipment or moving drums.
- Hearing protection (ear plugs or ear muffs) will be worn when noise becomes discomforting.

- A first aid kit will be available at the jobsite.

Adverse climate conditions, primarily heat, are important considerations in planning and conducting site operations. Heat stress is an associated concern, particularly when protective clothing is worn. Preventative measures include the following:

- Frequent rest periods in the shade when heat and/or humidity is high.
- Provide water and/or commercial electrolyte solutions. Drinking of these fluids will be encouraged.
- Suitable acclimation periods will be provided for workers to gradually establish their resistance to heat stress.

Personnel exhibiting symptoms of heat stress (nausea, cramps, dizziness, clammy skin) will be removed from the work area, cooled, fluids will be administered, and the personnel will be observed. Personnel exhibiting symptoms of heat stroke (hot dry skin, mental confusions, unconsciousness) will be immediately cooled and taken to the hospital.

ZCI FIELD PERSONNEL SHOULD NOT ENTER ANY EXCAVATIONS. ZCI personnel should be aware of the potential hazards associated with unshored excavations, and should not stand on unsupported ground within 5 feet of any unshored or unsloped walls of the excavation.

5.2 POTENTIAL CHEMICAL HAZARDS

Volatile organics and heavy metals are the primary chemicals of concern detected in the sample of soil and sludge.

Field personnel could potentially be exposed to the heavy metals by direct contact with soil, or through inhalation of dusts containing heavy metals. Field personnel could potentially be exposed to volatile organics by direct contact with soil or groundwater.

Field personnel will minimize potential chemical hazards by 1) standing upwind of the work area when possible. 2) avoiding direct contact with soil and groundwater, 3) avoiding generation of dust (visual monitoring), and 4) wearing appropriate personal protective equipment as outlined in Section 6.1. As a general precaution to detect organic vapors, air monitoring to measure organic vapor concentrations in the breathing zone will be performed.

Ingestion of soil and particulate matter containing chemicals is another general exposure route. However, the potential for this type of exposure is minimal during site investigation of the type planned. Safe work practices, including prohibition of eating, drinking, or smoking on site will be enforced at the worksite.

Field personnel will wear coveralls at the site (if required) to minimize contact of clothing with mud and soil potentially containing contaminants. Used and soiled coveralls will be removed and disposed onsite, before leaving the area. Shoes, tools, and hands will be cleaned before leaving the site.

5.3 COMMUNITY HAZARD ANALYSIS

Vapor emissions generated during the proposed field activities are expected to be insignificant. Potential exposure to the surrounding community is unlikely. If significant vapor emissions do occur, the work will be stopped and corrective actions implemented to reduce vapor emissions.

6.0 PROTECTIVE ACTIONS

6.1 PERSONAL PROTECTIVE EQUIPMENT

Field personnel will wear equipment to protect against the potential physical and chemical hazards which have been identified herein and those that become apparent in the field. Level D protection will be required at a minimum for field activities at the site. Level D personal protective equipment to be used will include:

- Hard Hat
- Chemical resistant disposable gloves
- Boots, steel toe and shank
- Safety glasses and earplugs

Modified Level C protection will be required during collection or handling of soil samples and whenever VOCs are found in the workspace, based on OVM readings. In addition to the Level D protection above, modified Level C protection includes:

- Tyvek coveralls
- Respiratory protection consisting of a half-mask purifying respirator with organic and particulate filter cartridges.

The level of protection employed for general site activities by ZCI personnel may be upgraded, as deemed necessary to the Site Safety Officer. If significant dust generation occurs or organic vapors are detected (see Monitoring below), the Site Safety Officer may require modified Level C protection, i.e., donning of respirator.

6.2 SITE CONTROL

Unauthorized and unprotected individuals will be requested to remain out of the area where work is being performed. Specific work zones will not be established for Level D activities at the facility. Work zones, including designation of an exclusion zone, a contamination reduction zone, and a support zone will be established for field activities which require Level C protection.

6.3 MONITORING

Field personnel will perform air monitoring continuously with a direct reading organic vapor meter (OVM) in the breathing zone at the work location. If OVM readings for a particular work area consistently exceed 5 parts per million (ppm) above background, personnel will withdraw upwind from the work area, if possible, or upgrade to modified Level C protection as outlined in Section 6.1. If OVM readings consistently exceed 10 ppm in the breathing zone while workers are in modified Level C protection, then work will cease and the source of the emission will be identified and controlled before work continues.

7.0 DECONTAMINATION

Minimum decontamination procedures associated with modified Level C protection will be followed, and established within the decontamination reduction zone. At the conclusion of each day, disposable gloves and coveralls will be removed and disposed of in on-site, designated containers. In addition, work boots will be removed and cleaned in a decontamination solution, or by using a pressurized spray washer, prior to leaving the site.

Decontamination procedures for modified Level C protection will be as follows:

Station 1: Equipment Drop Deposit equipment (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) in a designated area.

Station 2: Boot and outer glove wash and rinse Scrub boots and outer gloves with TSP solution. Rinse off using copious amounts of water.

Station 3: Outer glove removal Remove outer gloves and deposit in designated receptacle.

Station 4: Gloves and outer garment removal Remove Tyveks and inner gloves and deposit in designated containers.

Station 5: Face Piece Removal Remove facepiece. Avoid excessively touching facepiece with fingers. Dispose of canisters in designated receptacle and wash facepiece in TSP solution.

Station 6: Field wash Thoroughly wash hands and face. Shower as soon as possible.

8.0 TRAINING

ZCI personnel participating in field activities will have completed the Hazardous Waste Operations and Emergency Response 40-hour health and safety training course (29 CFR 1910.120). Training requirements are discussed in ZCI Corporate Health and Safety Program. Prior to each day work, a meeting will be held at the site to familiarize personnel with health and safety issues, protective equipment, emergency information and supplies, and to discuss special topics.

9.0 MEDICAL MONITORING

ZCI personnel participating in field activities are included in a medical monitoring program. The program includes a baseline physical examination, pulmonary function test, and blood and urine tests. Annual follow-up examinations are included. Details of the medical program are included in ZCI's Corporate Health and Safety Program.

10.0 SITE FACILITIES

The site will be equipped with rest room. Drinking water will also be available.

11.0 EMERGENCY RESPONSE PLAN

The nature of work at the jobsite makes emergencies a continual possibility. The ZCI Site Safety Officer (SSO) will be familiar with emergency procedures and evacuation routes.

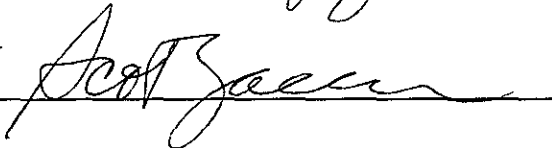
If an injury occurs due to an accident, the SSO will be immediately notified so appropriate first aid can begin and medical attention arranged, if necessary. The SSO will investigate the nature and cause of the accident so that work procedures can be modified to minimize the likelihood of the incident's recurrence.

A first aid kit and emergency wash water will be readily available.

Routine and emergency communication will be provided by the mobile telephone. Emergency telephone numbers are given in Table 1. For emergencies not requiring an ambulance, injured personnel will be transported to (see attached map).

Signatures

Site Safety Officer  Date Jan 16, '91

Corporate Safety Supervisor  Date Jan 16, '91

Project Manager _____ Date Jan 16, '91

TABLE 1

EMERGENCY INFORMATION

EMERGENCY TELEPHONE NUMBERS

In emergency: 911

Site Telephone: Gary Zaccor's mobile (415) 999-2017
Scot Zaccor's mobile (415) 999-2016

Hospital: Alameda Hospital
2100 Clinton Avenue
Alameda, CA 94501

Police and Fire Departments: 911

Poison Control: 1 (800) 792-0720

Zaccor Companies, Inc.

Project Manager, Gary Zaccor (415) 363-2181 (w)
(415) 965-5190 (h)

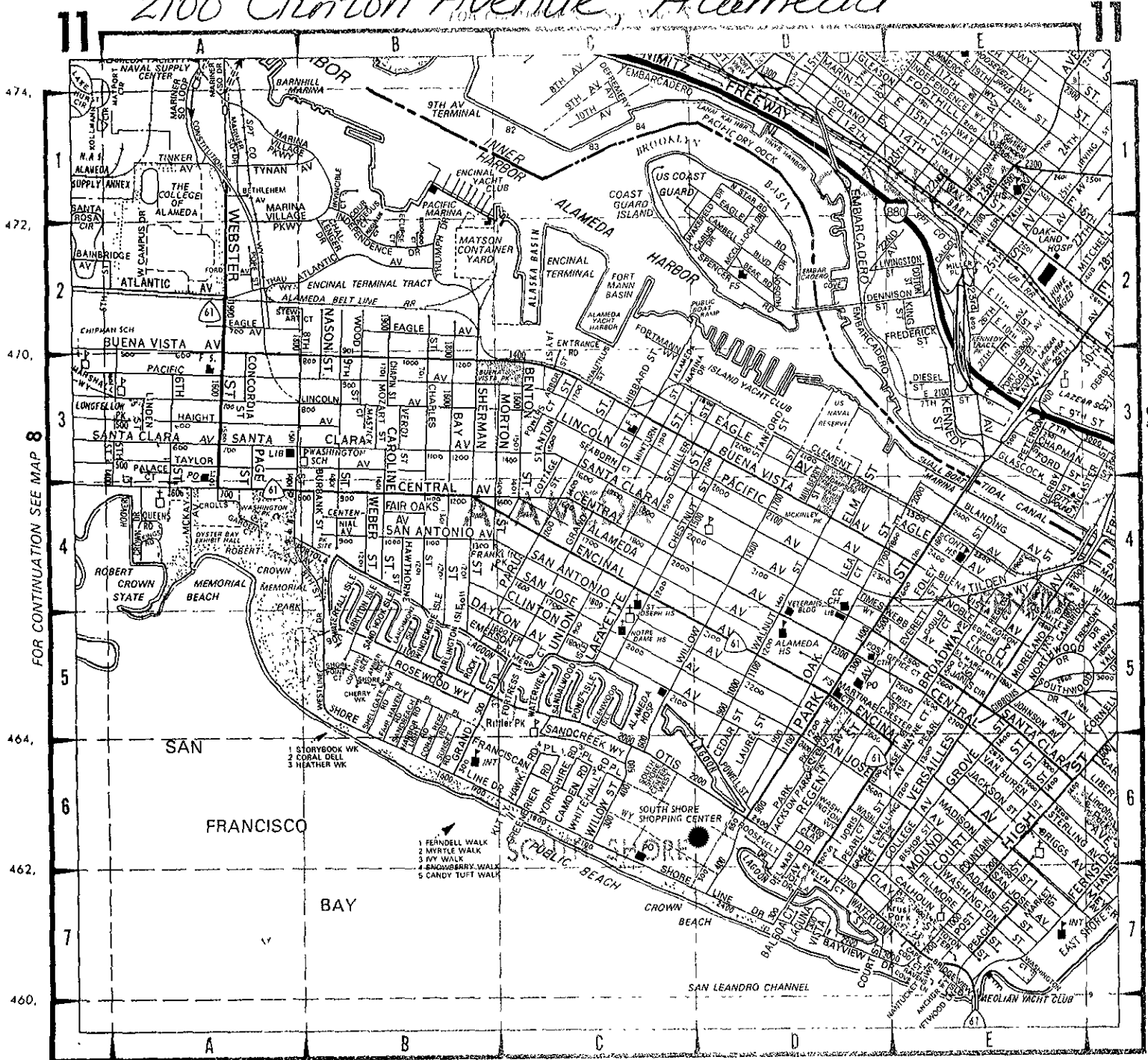
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Directions to Emergency Hospital (see Attached Map)

2100 Clinton Avenue, Alameda

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FOR CONTINUATION SEE MAP 8

FOR CONTINUATION SEE MAP 12