

4/14/01 ENV. UPDATED

Press [ESC] for the menu

UNDERGROUND STORAGE TANK CLEANUP SITE

LOP:A Tremov: SLIC:

SITE ID: 5506	SOURCE OF FUNDS: F	SUBSTANCE	: 8006619
SITE NAME: Moose Lodge #324		DATE REPORTED	: 08/31/1995
SITE ADDRESS: 690	-0 Hegenberger Rd	DATE CONFIRMED	: 08/31/1995
CITY: Oakland	ZIP CODE: 94621	MULTIPLE RPs	: N
CASE TYPE: U	CONTRACT STAT: 4	PRIORITY: 1B1	DATE ER: -0-
RP SEARCH	: S	DATE END:	-0-
PRELIM ASSESSMENT	: -	DATE BEGIN:	-0-
REMEDIAL INVEST	: -	DATE BEGIN:	-0-
REMEDIAL ACTION	: -	DATE BEGIN:	-0-
POST REMED MONITOR:	-	DATE BEGIN:	-0-
ENFORCEMENT TYPE: 2		DATE ENFORCEMENT ACTION TAKEN:	06/24/1996
LUFT CATEGORY: 2HSC		CASE CLOSED: -	DATE CASE CLOSED: -0-
DT EXC START : 08/21/1995		REMEDIAL ACTIONS TAKEN:	NT

PgDn for Screen #2

[ESC] Done      [F2] Clear field      [Shift-F2] Clear to end      [Shift-F10] More  
 Form: SITE      Table: SITE      Field: Source      Page: 1

STID: 5506

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT	: -0-	LOC-CleanUp Fund?	-0-
DATE LAST CORSP	: 01/16/1997	INSPECTOR INIT:	BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Mr. Frederick Bashaw	RP COST: \$0.00
RP COMPANY NAME: Moose Lodge #324	Ph: -0-
ADDRESS: 690 Hegenberger Rd.	
CITY/ST/ZIP: Oakland C A 94621	
COMMENT: UST had not been used since 1980, therefore, the likelihood of MTBE being present is small	

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done      [F2] Clear field      [Shift-F2] Clear to end      [Shift-F10] More  
 Form: SITE      Table: SITE      Field: FlagDate      Page: 2

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

January 16, 1997  
StID # 5506

Mr. Henry Miller  
Moose Lodge #324  
690 Hegenberger Rd.  
Oakland CA 94621

**Re: Subsurface Investigation at Moose Lodge #324, 690 Hegenberger Road, Oakland CA 94621**

Dear Mr. Miller:

Our office has received and reviewed the January 13, 1997 Subsurface Investigation report provided by Alton Geoscience. This report details the results of the recent additional soil and groundwater investigation performed as proposed in Alton Geoscience's November 1, 1996 work plan. Our office agrees with the conclusion and recommendation of this report ie The remaining stockpiled soil from the tank removal should be reused onsite and capped with asphalt and there has been no release of gasoline and lead which would have an adverse impact to human health or the environment.

Please notify our office in writing when you have reused the stockpiled soils. We will request site closure at that time.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. Ron Scheele, Alton Geoscience, 30A Lindbergh Ave.,  
Livermore, CA 94550

B. Chan, files  
csc1690

white - env. health  
yellow - facility  
pink - files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Moose Lodge Today's Date 11/27/96

Site Address 690 Hegenberg Rd

City Oak Zip 94601 Phone \_\_\_\_\_

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

**Inspection Categories:**

\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

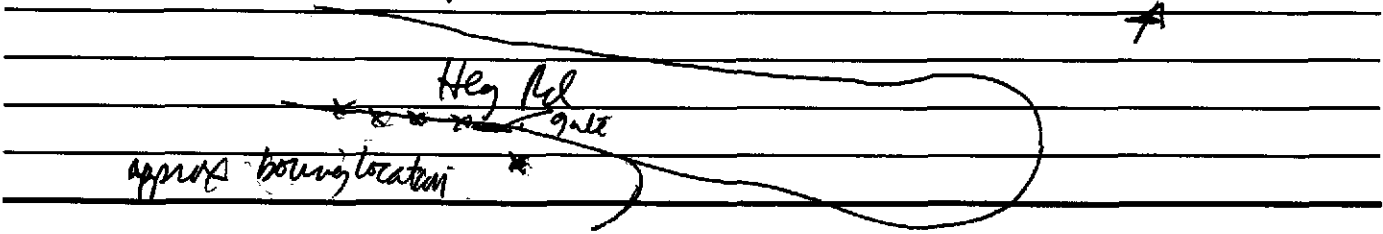
\_\_\_\_ III. Under ground Storage Tanks

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

### Comments:

(Take) As a followup to the removal of a 10K gasoline tank  
 Alton Geoscience + Virotox  
 using a Geoprobe to sample soil + GW beneath  
 former dispenser area. Run soil spls for TPHg + BTEX +  
 - filtered grab GW spls for TPHg, BTEX & soluble lead.  
 \* - Approx 30-40 cu yd of soil generated from the original  
 tank removed lies south of fenced area behind new  
 Moose Lodge. This material must be reused onsite  
 + capped. Please notify our office in writing when  
 this has been done. This will be required as part  
 of "closure" of site.

\* note this amt is less than original soil amt. pls account for this difference.



Contact \_\_\_\_\_

Title \_\_\_\_\_

Signature [Signature]

Inspector B Chan

Signature [Signature]

II, III

white - env. health  
yellow - facility  
pink - files

ALAMEDA COUNTY, DEPARTMENT OF  
ENVIRONMENTAL HEALTH  
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

II, III

Site ID # \_\_\_\_\_ Site Name W. J. ... Today's Date 11/27/96  
Site Address 690 Hagenberg Rd  
City LA Zip 94 Phone \_\_\_\_\_

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

**Inspection Categories:**

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials  
\_\_\_\_ III. Under ground Storage Tanks

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

**Comments:**

As a follow-up to the receipt of a 10K asbestos tank  
(WJ) 11/27/96 + V1000  
approx 30-40 cu yd of material excavated from the original  
tank. Approx 100 lbs of lead shot was recovered from  
this material. This material must be removed onsite  
& stored in a secure facility. This will be the responsibility  
of the owner of the site.  
A note has been put in the original report and sent to  
account for this discrepancy.

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature [Signature]

Inspector [Signature]  
Signature \_\_\_\_\_

II, III

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



October 2, 1996  
StID # 5506

Mr. Henry Miller  
Moose Lodge #324  
690 Hegenberger Rd.  
Oakland CA 94621

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

**Re: Subsurface Investigation at Moose Lodge #324, 690 Hegenberger Road, Oakland CA 94621**

Dear Mr. Miller:

Our office has recently received and reviewed the tank closure report for the above site prepared by VCI, your contractor. It is our understanding that the former underground tank area has been backfilled with clean soil and that the excavated soils are lying on plastic onsite.

In order to bring this site to closure, you are required to perform the additional following work:

1. Please obtain a soil sample from beneath the former dispenser area. This sample should be analyzed for TPHg and BTEX. You should also take a grab groundwater sample and have this sample analyzed for soluble lead. It would be most cost effective to sample water from the same borehole advanced in the dispenser area.
2. Please detail what will be done with the stockpiled soils. Remember, these soils detected elevated soluble lead concentration during the STLC (WET) test. Therefore, these soils must either be capped or an additional extraction test must be performed with either distilled water or actual groundwater and this sample tested for lead.

Please provide, **within 30 days or by November 4, 1996**, a work plan to address these items.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. M. Bowen, VCI, 295 139th Ave., San Leandro, CA 94578  
B. Chan, files wp690Heg

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

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

June 24, 1996  
StID # 5506

Mr. Frederick Bashaw  
Moose Lodge #324  
690 Hegenberger Rd.  
Oakland CA 94621

NOTICE OF VIOLATION

Re: Request for Technical Reports for Moose Lodge #324, 690  
Hegenberger Rd., Oakland CA 94621

Dear Mr. Bashaw:

Our office requested specific documents pertaining to the removal of the 10,000 gallon gasoline tank at the above referenced site. Enclosed, please find a copy of this letter. You were requested to provide the requested reports by November 1, 1995. To date, our office has not received the requested information. I would like to reiterate the requirements and update you on current legislation which may affect your site investigation.

Item 1 requested a formal tank closure report. This report is still required in its entirety. Your contractor should be able to supply you with a copy of this report. To expedite this, please have your contractor send a copy of this report directly to this office, to my attention.

Item 2 requested a work plan for the determination of the extent of soil and groundwater contamination. An additional soil sample was requested to be taken beneath the former dispenser. These things are still required, however, the decision whether groundwater well(s) are necessary will be put on hold depending on the results of the soil and groundwater investigation. Such need will be based on the risk posed by the residual soil and groundwater contamination. This is consistent with the recommendations of the Lawrence Livermore National Laboratory (LLNL) report on how to handle typical petroleum underground leak sites. Our office encourages the use of temporary site assessment tools such as the Geoprobos, Hydropunch, CPT etc. prior to installing permanent monitoring wells.

Item 3, I believe, was resolved by your contractor. I was informed that although vent lines for additional tanks existed onsite, there was no evidence that additional underground tanks existed at the site. Hopefully, this conclusion will be stated in the underground tank closure report.

Mr. Frederick Bashaw  
690 Hegenberger Rd.  
StID # 5506  
June 24, 1996  
Page 2.

Item 4 requested that an Unauthorized Leak Report (ULR) be completed and returned to our office by November 1, 1995. As of today, we have not received a copy of the completed report. I have enclosed another form for your completion. Please return to our office **within 10 days or by July 5, 1996.**

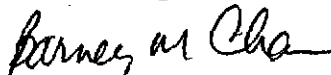
Upon recent observation of this site, I noticed that a large portion of the stockpiled soils had been removed from the site. Please inform our office as to the disposition of these soils. In addition, on August 23, 1995 I witnessed the sampling of groundwater and of the stockpiled soils. I have not received the analytical results on these soil samples.

You are again requested to submit the requested reports (excluding the ULR) **within 30 days or by July 26, 1996.**

You are reminded, this is a formal request for technical reports pursuant to the California Water Code, Section 13267(b). Failure to submit the requested reports may subject you to civil liability.

You may contact me at (510) 567-6765 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: M. Bowen, VCI of California, 753 Peralta Ave., San Leandro,  
CA 94577  
G. Coleman, ~~files~~

NOV690Heg

Mr. Frederick Bashaw  
690 Hegenberger Rd.  
StID # 5506  
June 24, 1996  
Page 2.

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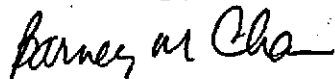
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You may contact me at (510) 567-6765 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: M. Bowen, VCI of California, 753 Peralta Ave., San Leandro,  
CA 94577  
G. Coleman, ~~Series~~

NOV690Heg



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

October 20, 1995  
StID # 5506

Mr. Frederick Bashaw  
Moose Lodge #324  
690 Hegenberger Rd.  
Oakland CA 94621

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

**Re: Request for Technical Reports for Moose Lodge #324, 690  
Hegenberger Rd., Oakland CA 94621**

Dear Mr. Bashaw:

Our office has received copies of the analytical results for both soil and groundwater samples taken from the underground tank removal at the above site. These results were provided to our office by VCI, Mr. Merlin Bowen. The results indicate that there has been a release of gasoline, therefore, a soil and groundwater investigation will be required at this site. You are advised to contact a reputable consultant to aid you in your investigation.

Your site has been transferred the Local Oversight Program (LOP) and you have recently been sent a Notice of Requirement to Reimburse informing you of this obligation.

In order to facilitate the subsurface investigation at this site, our office requests that you submit **within 30 days or by November 22, 1995** the following documents:

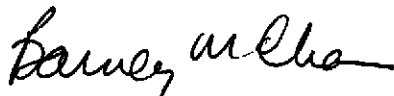
1. A tank closure report which details the tank removal activities, includes all analytical results with chain of custody documentation, site map indication the location of all samples, copies of the manifest for the tank and copies of any soil disposal receipts;
2. Provide a work plan for the determination of the extent of soil and groundwater contamination. Ultimately, groundwater monitoring well(s) will be required to determine the impact, if any, caused by the release of gasoline. You should also include the additional soil sampling beneath the former fuel dispenser;
3. Either provide evidence of the absence of any additional tanks at the site or provide a tank closure application for the removal of any additional tanks; and
4. Enclosed you will find an Unauthorized Leak Report, ULR. Please submit this report completed and in its entirety to our office **within 10 days or by November 1, 1995**.

Mr. Frederick Bashaw  
690 Hegenberger Rd.  
StID # 5506  
October 20, 1995  
Page 2.

This is a formal request for technical reports pursuant to the California Water Code, Section 13267(b). Failure to submit the requested reports may subject you to civil liability.

You may contact me at (510) 567-6765 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: M. Bowen, VCI of California, 753 Peralta Ave., San Leandro,  
CA 94577

G. Coleman, files

rep690Heg

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6777

September 15, 1995

ATTN: Catherine Mayer

V C I Of California  
753 Peralta Ave  
San Leandro CA 94577

RE: Project # 3517A - R  
at 690 Hegenberger Rd in Oakland 94621

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$225.90, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact Barney Chan at (510) 567-6700.

Sincerely,

Tom Peacock, Acting Chief  
Environmental Protection Division

c: files/inspector

Leslie: Pls request a bill check from VCI for \$225.90. I need this before I can close file. Thanks Barney

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION  
DEPOSIT / REFUND ACCOUNT SHEET

printed 08/01/95

SITE INFORMATION

Moose Lodge #324  
690 Hegenberger Rd  
Oakland 94621  
Site Contact:  
Site Phone :

*Done 9/15/95*

StID: 5506 Site#: 3517  
PROJECT#: 3517A  
PROJECT TYPE: \*\*\* R \*\*\*  
INSP: Barney Chan  
ACCT. SHEET PG #: \_\_\_\_\_

PROPERTY OWNER INFORMATION

Owner Contact: *Catherine Mayer*  
Owner Phone :

PAYOR INFORMATION

V C I Of California  
753 Peralta Ave  
San Leandro CA 94577 #239  
Payor Contact:  
Payor Phone : 510/568-1234

Date	Action Taken	Time		Hours Spent/Depstd	Hour Balnce	Money Spent/Depositd	Money Balanc
		In	Out				
08/01/95	Rcpt# 759217 Deposit of \$603.00 @ \$90/hour			+6.69	+6.69	\$603.00	\$603.00
08/01/95	Admin. Charge: 1 hour			1.00	5.69	\$513.00	\$513.00
8/2/95	Tank R Plan review			0.5	5.19		
8/4/95	Arrange Tank R appt			0.1	5.09		
8/17/95	2 site visits for tank R			1.6	3.49		
8/18/95	Site visit for tank R			0.7	2.79		
8/21/95	Tank R + spw/vst			3.3	-0.51		
8/23/95	Spw/Inve of VCI			0.3	-0.81		
	Witness soil & GW sampling			1.3	-2.11		
8/30/95	Leave message for Irene/Merlin of VCI			0.2	-2.31		
8/31/95	Spw/Order of VCI			0.2	-2.51		\$1 - 225.90

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : \_\_\_\_\_ ATTACH:  State Forms A, B &  Billing Adjustment  
DATE OF COMPLETION : \_\_\_\_\_ DATE SENT TO BILLING: \_\_\_\_\_  
TOTAL COST OF PROJECT: \_\_\_\_\_ REFUND AMOUNT: \_\_\_\_\_ Rev. 5/

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

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

September 01, 1995

ALAMEDA COUNTY-ENV. HEALTH DEPT.  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577  
(510)567-6700

ATTN: Catherine Mayer

V C I Of California  
753 Peralta Ave  
San Leandro CA 94577

RE: Project # 3517A - R  
at 690 Hegenberger Rd in Oakland 94621

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$225.90, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact Barney Chan at (510) 567-6700.

Sincerely,

  
Tom Peacock, Acting Chief  
Environmental Protection Division

c: files/inspector

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY-ENV. HEALTH DEPT.  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577  
(510)567-6700

September 01, 1995

ATTN: Catherine Mayer

V C I Of California  
753 Peralta Ave  
San Leandro CA 94577

RE: Project # 3517A - R  
at 690 Hegenberger Rd in Oakland 94621

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If you have any questions, please contact Barney Chan at (510) 567-6700.

Sincerely,

Tom Peacock, Acting Chief  
Environmental Protection Division

c: files/inspector

Norma - I transferred to LOP on 8/31/95, B.C.

DATE: 8/31/95

SWD 5506

TO : Local Oversight Program

FROM: B.C.

SUBJ: Transfer of Eligible Local Oversight Case

Site name: Moose Lodge #324

Address: 690 Hegenberger Rd city Oakland zip 94621

TO BE ELIGIBLE FOR LOP A CASE MUST MEET 3 QUALIFICATIONS:

1. Number of Tanks: at least 1 removed?  Y N Date of removal 8/21/95
2. Samples received?  Y N Contamination level: H<sub>2</sub>O (280 ug/l gas, 3.3 ug/l toluene, 2.15 ug/l xylene)  
(ppm and type of test) Soil: 170, no, 8, 57, .67 ppm
3. Petroleum  Y N Types: Avgas Jet leaded ? unleaded Diesel  
fuel oil waste oil kerosene solvents

DepRef remaining \$ 225.90 Closed with Candace/Leeslie?  Y N  
(if no, explain why?)

*Requested that Leslie ask for 225.90 to close out site*

IF YOUR SITE MEETS ALL OF THE ABOVE QUALIFICATIONS YOU SHOULD DO THE FOLLOWING TO TRANSFER THE SITE:

1. YOU MUST CLOSE THE DEPOSIT REFUND CASE AT THIS TIME. YOU MUST ACCOUNT FOR ALL TIME YOU HAVE SPENT ON THE CASE AND TURN IN THE ACCOUNT SHEET TO LESLIE. IF THERE ARE FUNDS STILL REMAINING IT IS STILL BETTER TO TRANSFER THE CASE TO LOP AS THE RATE FOR LOP ALLOWS THE ADDITION OF MANAGEMENT AND CLERICAL TIME. DO NOT ATTEMPT TO CONTINUE TO OVERSEE THE SITE SIMPLY BECAUSE THERE ARE FUNDS REMAINING!
2. COMPLETE THE A AND B PERMIT APPLICATION FORMS AND GIVE TO CONNIE/ELAIN
3. GIVE THE ENTIRE CASE TO THE PROPER LOP STAFF UPSTAIRS FOR THEM TO DO THE REST OF THE TRANSFER AND YOU ARE DONE!

Table 1  
 Groundwater Elevation Data  
 2225 Telegraph Avenue, Oakland, CA

Well Number	Date Gauged	Top of Casing Elevation (feet)		Depth to Water (feet, TOC)	Elevation of Groundwater (feet)
MW-6A	12/30/91				Well Destroyed
MW-6B	12/15/88	98.81	*		
	2/25/92			11.81	87.00
	3/25/92			11.58	87.23
	6/16/92	15.34	**	12.54	2.80
	9/8/92			12.87	2.47
	11/5/92			12.70	2.64
	12/14/92			12.19	3.15
	1/28/93			11.39	3.95
	2/11/93			11.70	3.64
	3/9/93			11.70	3.64
	4/14/93			11.87	3.47
	5/11/93			12.22	3.12
	6/17/93			12.46	2.88
	7/26/93			12.72	2.58
	8/10/93			12.82	2.52
	9/21/93			13.08	2.26
	10/27/93			13.18	2.16
	11/23/93			13.07	2.27
	12/17/93			NA	NA
	2/16/94			12.07	3.27
	5/31/94			12.42	2.92
	8/30/94	17.48	***	13.02	4.46
	11/11/94			11.72	5.76
	2/27/95			11.84	5.64

↓



white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Moose Lodge Today's Date 8/23/95  
Site Address 690 Heg Rd  
City Oakland Zip 94621 Phone \_\_\_\_\_

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

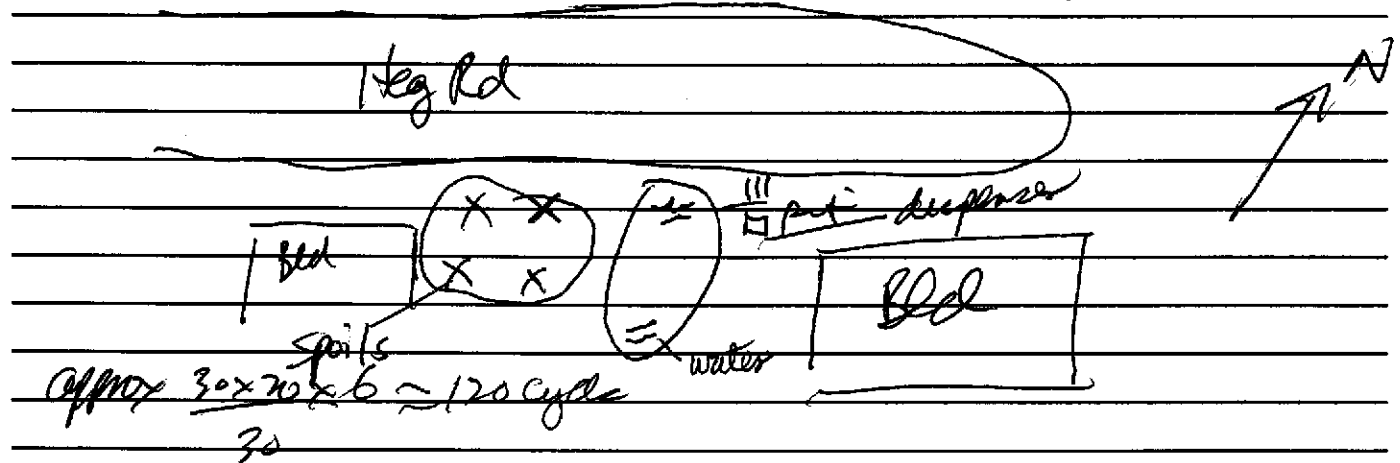
### Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks Removal

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

Comments: Trans-UCI spler.

Witness the sampling of GW from pits 5 and  
- Small amt of water present on both N+S ends  
- 1 amber liter + 3 cone UAT samples taken  
overpass



Need to sple beneath dispenser  
& samples from the spits were taken from the four corners  
of pits approx 1" beneath grade. the SE sample had  
gas odor. A composite sample will be run after lab  
compositing

Contact \_\_\_\_\_  
Title Secretary  
Signature V.C.I.

Inspector B-Chan  
Signature \_\_\_\_\_

white -env.health  
yellow -facility  
pink -files

ALAMEDA COUNTY, DEPARTMENT OF  
ENVIRONMENTAL HEALTH  
Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Waco Today's Date 1/15/85  
Site Address \_\_\_\_\_  
City Oakland Zip 94612 Phone \_\_\_\_\_

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

Inspection Categories:

- \_\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

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

Comments:

*Handwritten notes describing the inspection findings, including references to HMT-III plan and various hazardous materials found.*

Contact \_\_\_\_\_  
Title Secretary  
Signature [Handwritten Signature]

Inspector [Handwritten Signature]  
Signature \_\_\_\_\_

II, III

p 2

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Morse Lodge Today's Date 8/26/95  
Site Address 630 Heyenberger Rd  
City Oakland Zip 94621 Phone \_\_\_\_\_

\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?  
**Inspection Categories:**  
\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials  
\_\_\_\_ III. Under ground Storage Tanks

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

### Comments:

1 soil spl taken from South end w/ blue gray clay (faint odor), the black wet fill above this had distinct gasoline odor  
1 soil spl taken from north end also w/ blue gray clay - very faint odor, black fill - much less odor than south spl  
num spls for THG, BTEX and total lead  
will remove GW (several times) prior to sampling  
pls contact me to witness the sampling

II, III

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature Maria Ba

Inspector B. Chan  
Signature B. Chan

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

## Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

II, III

Site ID # \_\_\_\_\_ Site Name Waste Transfer Station Today's Date 6/21/95  
Site Address 630 Bayview Rd  
City Oakland Zip 94612 Phone \_\_\_\_\_

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

**Inspection Categories:**

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- \_\_\_\_ III. Under ground Storage Tanks

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

**Comments:**

1. Soil test upon your walk to be brought  
out, but also the area with all soil  
but don't go down now  
2. The area is very clean and well maintained  
3. The area is very clean and well maintained  
4. The area is very clean and well maintained  
5. The area is very clean and well maintained  
6. The area is very clean and well maintained  
7. The area is very clean and well maintained  
8. The area is very clean and well maintained  
9. The area is very clean and well maintained  
10. The area is very clean and well maintained

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature Mark P.

Inspector B. Chan  
Signature \_\_\_\_\_

II, III

white - env. health  
yellow - facility  
pink - files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Moose Lodge Today's Date 8/17/95, 8/18/95  
Site Address 690 Hegenberger Rd 8/21/95  
City Oak Zip 94621 Phone \_\_\_\_\_

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

### Inspection Categories:

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks R

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

### Comments:

VCI - contractor, Melvin Bowen et al  
Tank is 10k not 1k as originally thought

Hegenberger Rd

overpass

median

3 vent pipes - possibly additional tanks?

planter area

dispense

Blk new hall

Blk old hall

OPD Larry James present but left when contractor were unable to obtain O<sub>2</sub>T LEL in acceptable range.

8/18/95 Again unable to get O<sub>2</sub>T LEL in acceptable range

8/21/95 M. Bowen VCI Strips approx  $\frac{30 \times 20 \times 26}{20} \approx 120$  cy

Enclon - Laurel, # 606258 exp 5/96

OPD - Notified but did not show up

Pit approx 30x10x12

LEL - 20%, O<sub>2</sub> - 7% | Confirmed w/ L. James + decided to remove tank, tank is steel + nested in area, but no holes observed. No wrapping apparent, either bare or dissolved off

Contact \_\_\_\_\_

Title \_\_\_\_\_

Signature Melvin Bowen

Inspector B. Chan

Signature \_\_\_\_\_

Tank manifest # 955 92375, 16W enclon. VCI requested to remove water, allow rechg prior to splng

II, III

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Mansbridge Today's Date 8/17/95, 8/18/95  
Site Address 193 Weyman Rd 8/21/95  
City Oak Zip 94621 Phone \_\_\_\_\_

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

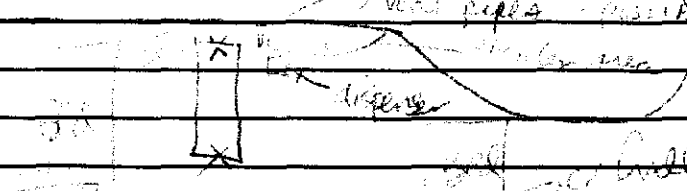
### Inspection Categories:

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- \_\_\_\_ III. Under ground Storage Tanks 2

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

### Comments:

VEI contractor - Mansbridge at end  
Tank is 10K and it is manually thought  
to be empty  
3 vent pipes - possibly added to the  
under area  
digging down - possible but left to contractor  
The trouble is obtaining out LEL in acceptable range.  
8/18/95  
8/21/95



Excavation - hauler - 60280 exp 1/96  
OPD - number of out let not show up  
LEL - 40% O<sub>2</sub> - plus hydrocarbon / 1 ft above + could  
be remove tank - vent in area  
if observed to be empty, apparent, etc. tank is empty

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature [Signature]  
Inspector B. Chan  
Signature \_\_\_\_\_

Phone number # 415 4375  
[Additional handwritten notes]

II, III

BARNLEY CHAN  
Project Specialist

8/2/95  
OK Blho

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIVISION  
1131 HARBOR BAY PARKWAY, RM 250  
ALAMEDA, CA 94502-6577  
PHONE # 510/567-6700  
FAX # 510/337-9335**

**ACCEPTED**  
Underground Storage Tank Closure Permit Application  
Alameda County Division of Hazardous Materials  
80 Swan Way, Suite 200,  
Oakland, CA 94621  
Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction. One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections: \*  
\_\_\_\_ Removal of Tank(s) and Piping  
\_\_\_\_ Sampling  
\_\_\_\_ Final Inspection  
Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

**\*THERE IS A FINANCIAL PENALTY FOR  
NOT OBTAINING THESE INSPECTIONS**

Contact Specialist:

**UNDERGROUND TANK CLOSURE PLAN**

**\* \* \* Complete according to attached instructions \* \* \***

1. Name of Business MOOSE LODGE #324  
Business Owner or Contact Person (PRINT) \_\_\_\_\_  
2. Site Address 690 HEGENBERGER ROAD  
City OAKLAND, CALIFORNIA Zip 94621 Phone 510-569-9569  
3. Mailing Address 690 HEGENBERGER ROAD  
City OAKLAND, CALIFORNIA Zip 94621 Phone 510-569-9569  
4. Property Owner MOOSE LODGE #324  
Business Name (if applicable) MOOSE LODGE #324  
Address 690 HEGENBERGER ROAD  
City, State OAKLAND, CALIFORNIA Zip 94621  
5. Generator name under which tank will be manifested  
MOOSE LODGE #324  
EPA ID# under which tank will be manifested C A C 0 0 0 9 3 4 9 6 8

6. Contractor V.C.I.  
Address 753 PERALTA AVENUE  
City SAN LEANDRO, CA. 94577 Phone 510-568-1234  
License Type\* A,B,C-21 & HAZARDOUS ID# 487537

\*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) V.C.I.  
Address 753 PERALTA AVENUE  
City, State SAN LEANDRO, CA. 94577 Phone 510-568-1234

8. Main Contact Person for Investigation (if applicable)  
Name MR. FREDERICK BASHAW Title OPERATOR  
Company MOOSE LODGE #324  
Phone 510-569-9569

9. Number of underground tanks being closed with this plan 1  
Length of piping being removed under this plan UNKNOWN  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**\*\* Underground storage tanks must be handled as hazardous waste \*\***

a) Product/Residual Sludge/Rinsate Transporter

Name ENVIROPUR ENVIRONMENTAL CORP. EPA I.D. No. CAT08001059  
Hauler License No. 2591 License Exp. Date 3/31/96  
Address 13331 NO. HIGHWAY 33  
City PATTERSON State CA. Zip 95363

b) Product/Residual Sludge/Rinsate Disposal Site

Name ENVIROPUR ENVIRONMENTAL EPA ID# CAD083166728  
Address 13331 NO. HIGHWAY 33  
City PATTERSON State CA. Zip 95363



c) Tank and Piping Transporter

Name DEXANNA, LTD. EPA I.D. No. CAD982438566  
Hauler License No. 2883 License Exp. Date 6/30/96  
Address 3104 ATHENE COURT  
City CONCORD State CA. Zip 94519

d) Tank and Piping Disposal Site

Name ERICKSON DISPOSAL FACILITY EPA I.D. No. CAD009466392  
Address 255 PARR BLVD.  
City RICHMOND State CA. Zip 94801

11. Sample Collector

Name MERLIN BOWEN  
Company V.C.I.  
Address 753 PERALTA AVENUE  
City SAN LEANDRO State CA. Zip 94577 Phone 510-568-1234

12. Laboratory

Name SUPERIOR LABORATORY  
Address 825 ARNOLD DRIVE, SUITE 114  
City MARTINEZ State CA. Zip 94553  
State Certification No. 1542

13. Have tanks or pipes leaked in the past? Yes[ ] No[ ] Unknown[xx]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank(s) inert:

TANK WILL BE RINSED, RINSATE WILL BE DISPOSE AT

A DISPOSAL FACILITY, TANK WILL BE INERTED WITH CARBON DIOXIDE

(15 LBS. PER 100 GAL. U.S.T.)

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
Estimated 1,000 gal.	estimated gasoline  <i>[Signature]</i>	soil and water if present	2' below tank, soil backfill interface into 2' of the native soil.  <i>if 1000 gal, 1 splo at each end of tank required.</i>

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

**Excavated/Stockpiled Soil**

<p><b>Stockpiled Soil Volume (estimated)</b></p> <p>50 cu. yards</p>	<p align="center"><b>Sampling Plan</b></p> <p>one per 20 yard three for <del>on</del>  <del>one per 20 yard three for</del>  on-site re-use or as per landfill.</p>
--	---

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [ ] no [  ] unknown

If yes, explain reasoning \_\_\_\_\_

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:  
**The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.**  
See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPHG BTEX PB  <i>if contents unknown will require TPH D, also</i>	5030/3550 5030	8015 8020 or 8240 AA	1.0 ppm

18. Submit Worker's Compensation Certificate copy

Name of Insurer STATE INSURANCE FUND

19. Submit Plot Plan **\*\*\* (See Instructions) \*\*\***

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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 health and safety. 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.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business V.C.I.

Name of Individual CATHERINE R. MAYER (SECRETARY)

Signature *Catherine R. Mayer* Date \_\_\_\_\_

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business MOOSE LODGE #324

Name of Individual MR. FREDERICK BASHAW

Signature *Frederick E. Bashaw* Date 7-28-95

# INSTRUCTIONS

## General Instructions

- \* Three (3) copies of this plan plus attachments and a deposit must be submitted to this Department.
- \* Any cutting into tanks requires local fire department approval.
- \* One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- \* State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

## Line Item Specific Instructions

2. SITE ADDRESS  
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested  
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.
6. CONTRACTOR  
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
  - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
  - c) Tanks must be hauled as hazardous waste.
  - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION  
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.  
  
Material to be sampled - e.g. water, oil, sludge, soil, etc.  
  
Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS

See attached Table 2.

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

- a) The name and responsibilities of the site health and safety officer;
- b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
- c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
- d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
- e) Description of the work habit changes triggered by the above action levels or physical conditions;
- f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
- g) Confined space entry procedures (if applicable);
- h) Decontamination procedures;
- i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, etc.);
- j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
- k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- l) A page for employees to sign acknowledging that they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

NOTE: These requirements are excerpts from 29 CFR Part 1910.120(b)(4), Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tank(s) and piping in addition to the tank(s) being removed.

20. DEPOSIT

A deposit, payable to "County of Alameda" for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Bay Regional Water Quality Control Board (510/286-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Detailed description of sampling methods; i.e. backhoe bucket, drive sampler, bailer, bottle(s), sleeves
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Documentation of the disposal of/and volume and final destination of all non-manifested contaminated soil disposed offsite.



**TABLE #2  
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR  
UNDERGROUND TANK LEAKS**

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>		<u>WATER ANALYSIS</u>	
Unknown Fuel	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Leaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	BTX&E	8020 OR 8240	BTX&E	602 or 624
	TPH AND BTX&E	8260	TOTAL LEAD AA	
	-----Optional-----			
	TEL	DHS-LUFT	TEL	DHS-LUFT
	EDB	DHS-AB1803	EDB	DHS-AB1803
Unleaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Diesel, Jet Fuel and Kerosene	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Fuel/Heating Oil	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Chlorinated Solvents	CL HC	8010 or 8240	CL HC	601 or 624
	BTX&E	8020 or 8240	BTX&E	602 or 624
	CL HC AND BTX&E	8260	CL HC AND BTX&E	8260
Non-chlorinated Solvents	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602 or 624
	TPH AND BTX&E	8260	TPH and BTX&E	8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	TPH AND BTX&E	8260		
	O & G	5520 D & F	O & G	5520 B & F
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	CL HC	8010 or 8240	CL HC	601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni			
	METHOD 8270 FOR SOIL OR WATER TO DETECT:			
	PCB*		PCB	
	PCP*		PCP	
	PNA		PNA	
	CREOSOTE		CREOSOTE	

\* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

**EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS**

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydro- carbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

- REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

#### EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

JULY 25 1995

POLICY NUMBER: 1340331 - 95  
CERTIFICATE EXPIRES: 4-1-96

ALAMEDA COUNTY - DEPT. OF ENVIRONMENTAL HEALTH  
DIV. OF HAZARDOUS MATERIALS  
1131 HARBOR BAY PKWY., RM. 250  
ALAMEDA CA 94502-6577

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 ten days' advance written notice to the employer.

We will also give you 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.

  
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS \$1,000,000 PER OCCURRENCE

EMPLOYER

VERL'S CONSTRUCTION INC.  
DBA: VCI OF CALIFORNIA  
753 PERALTA AVE.  
SAN LEANDRO CA 94577

State of California  
Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code  
and the Rules and Regulations of the Contractors State License Board,  
the Registrar of Contractors does hereby issue this license to:

VERL'S CONSTRUCTION INC DBA V C I



to engage in the business or act in the capacity of a contractor  
in the following classification(s):

- A - GENERAL ENGINEERING CONTRACTOR
- B - GENERAL BUILDING CONTRACTOR
- HAZ - HAZARDOUS SUBSTANCES REMOVAL
- C21 - BUILDING MOVING, DEMOLITION

Witness my hand and seal this day,

June 19, 1995

Issued February 25, 1986

CERTIFIED COPY

Signature of Licensee

Signature of License Qualifier

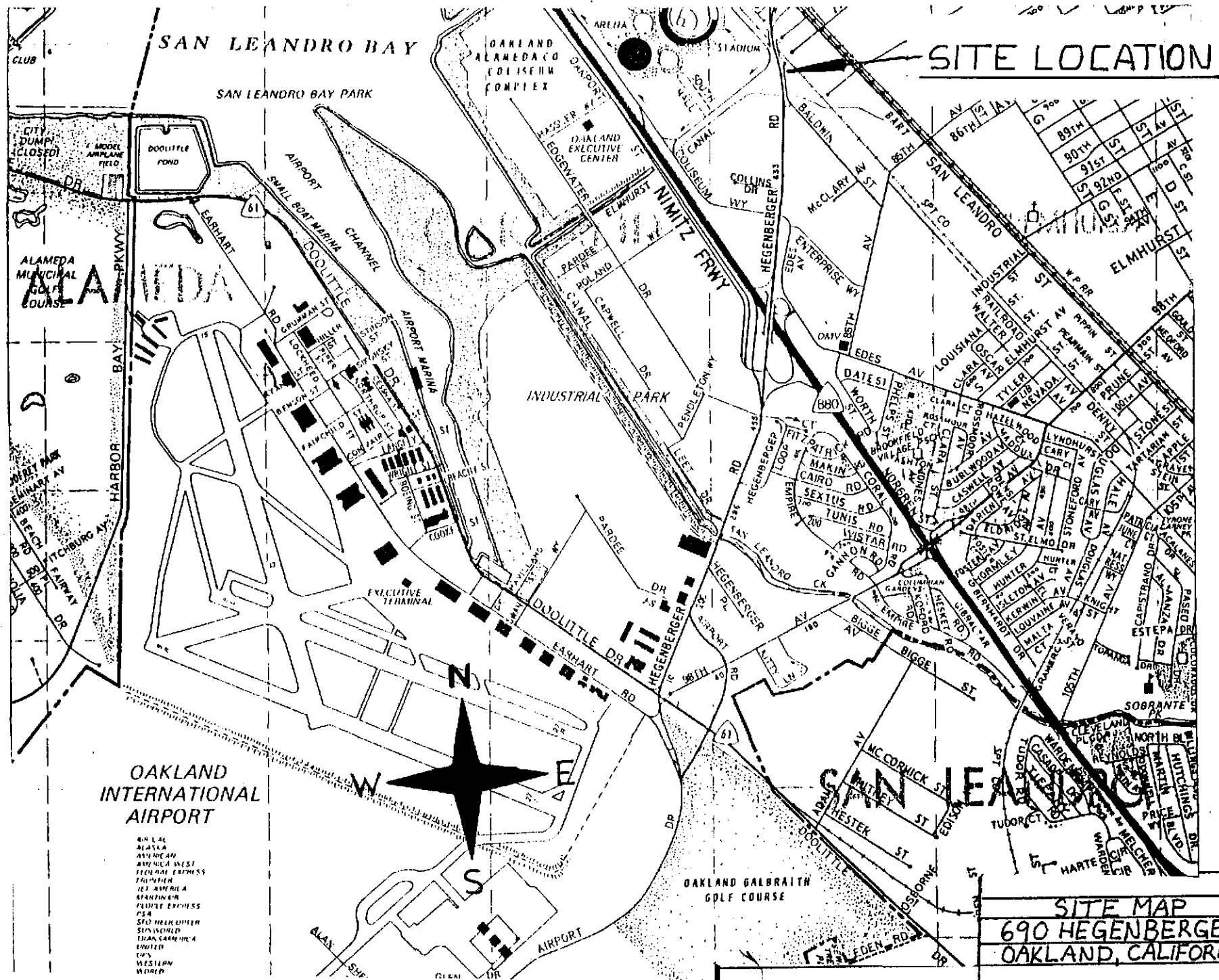
This license is the property of the Registrar of Contractors, is not  
transferrable, and shall be returned to the Registrar upon demand  
when suspended, revoked, or invalidated for any reason. It becomes  
void if not renewed.



Registrar of Contractors

487537

License Number



**SITE LOCATION**

**OAKLAND INTERNATIONAL AIRPORT**

- AKA
- ALASKA
- AMERICAN
- AMERICAN WEST
- FEDERAL EXPRESS
- FILIPINEN
- LES MERICIA
- MANHATTAN
- FUTURE BUSINESS
- PSA
- SFO TRAVEL CENTER
- STANDARD
- TRAVEL SERVICE
- UNITED
- WESTERN
- WORLD

**SITE MAP**  
**690 HEGENBERGER RD.**  
**OAKLAND, CALIFORNIA**