

Drogos, Donna, Env. Health

Subject: RO301 - 1115 21st st
Entry Type: Phone call
Start: Thu 4/15/2004 8:00 AM
End: Thu 4/15/2004 8:00 AM
Duration: 0 hours

225p - maria troy, buyer of 1115 21st st, tues sign off fax copy of closure, closing today, 601-6764
closed on 4/2 - Barney sending out closure
4/14, 1117a, closure ltr, conditions existing at site from 1994, not conditions in 2003 they are ND, mistake
4/14, 550p, lft msg, data in closure summary is correct, call me back & I will explain how data is interpreted in the closure
summary

4/15, 849a, Maria Troy, lft msg
4/15, 915a, discussed site, discussed closure & residual pollution

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



April 2, 2004

Ms. Diane Frizzie
P.O. Box 2293
Flornoy, CA 96029-2293

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

Dear Ms. Frizzie:

Subject: Fuel Leak Site Case Closure Frank's Tire Service, 1115 21st St., Oakland, CA 94607, Case No. RO0000301

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

SITE INVESTIGATION AND CLEANUP SUMMARY

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

- TPHg at 290 ppm, benzene at 2.8 ppm, toluene at 5.8 ppm, ethyl benzene at 6.0 ppm and xylenes at 38 ppm remain in soil at this site.

If you have any questions, please call Barney Chan at (510) 567-6765. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP Program Manager

Enclosures:

1. Case Closure Letter
2. Case Closure Summary

cc Ms. Betty Graham, SRWQCB, (w enc)
Toru Okamoto, SWRCB, (w enc)
Mr. Leroy Griffin, City of Oakland FD, (w enc)
B. Chan (w orig enc), D. Drogos (w enc), R. Garcia-LaGalle (w enc)

Alameda County
December 22, 2003

DEC 29 2003

Environmental Health

Environmental Health Services
Environmental Protection
Barney M. Chan, Hazardous Materials Specialist
1131 Harbor Bay Parkway Suite 250
Alameda, Ca 94502-6577

Re: Fuel Leak Case
#RO0000301
1115 21st St.
Oakland, Ca 94607

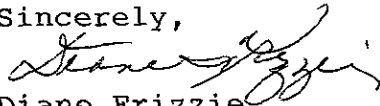
Dear Mr. Chan:

On December 12, 2003 ETS collected samples of soil and groundwater at 1115 21st St., Oakland per your letter of instructions dated November 24, 2003. Ms. Helen Mawhinney, with ETS sent all samples to the lab for a 48hr. turnaround report. The report proved that all areas were clean with no contamination in any samples. (This confirms our findings 12yrs. ago)

The new buyers of this property are obtaining a Small Business Loan. A condition for their loan is that the County sign-off the Fuel Leak Case. We were to close escrow Oct. 31, 2003-an extension has been granted-We must close Escrow by Jan. 15, 2004.

Your help in this matter would be greatly appreciated.
Thank you.

Sincerely,


Diane Frizzie
P.O. Box 2293
Flournoy, Ca. 96029

P.O. Box 2293
Flournoy, Ca 96029



Attn:
Barney Chan

Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway Suite 250
Alameda, Ca 94502-6577

94502+6540





HAMILTON • COHN • THATCHER & ASSOCIATES

8393 CAPWELL DRIVE • OAKLAND, CA 94621 • (510) 562-4490 • FAX (510) 562-1381

December 29, 2003

Barney Chan
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway
Alameda, CA 94502

RE: 1115-21st Street, Oakland, CA Property

Dear Mr. Chan,

Here is a copy of the sales contract for the subject property.

The Seller has lost one (1) trade property because of the delay in determining the environmental status of the site.

MS FRIZZIE

Another trade property was selected, November 2003, I believe; and the Buyer (Seller of 21st Street) and the owner of the trade property have agreed to a close of January 15, 2004.

It is imperative that we close the sale of the 1115-21st Street property before January 15, 2004. Your help and assistance to this will be greatly appreciated by all parties.

Sincerely,

A handwritten signature in black ink that reads "Thomas C. Thatcher". The signature is fluid and cursive.

Thomas C. Thatcher

Cc: Diane Frizzie

Chan, Barney, Env. Health

To: maria@sweetmarias.com
Cc: hmawhinneyETS@aol.com
Subject: 1115 21st St., Oakland

Dear Ms. Troy:

I have received your 12/21/03 letter requesting expedited review and closure of the referenced site and identifying yourself as a prospective buyer. Please be informed that our office has not yet received the additional site investigation report. In addition, we will require a copy of the sales agreement with deadlines specified before the site review and closure can be expedited. You may withhold specific confidential information such as sales price etc, and be aware that this document will be withheld from the case file available to the public and can be returned after viewing.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

12/29/2003



Sweet Maria's Coffee, Inc.

1455 64th Street Emeryville CA, 94608

email info@sweetmarias.com - Phone/Fax 510 601 6674

web: www.sweetmarias.com info line 888 876 5917

Ro 301

Alameda County Environ. Health

ph

Contact: Barney Chan, Haz. Mat Specialist

fax

1131 Harbor Bay Parkway Suite 250

email

Alameda CA 94502

12/21/2003

RE: CASE # RO0000301

Dear Barney Chan:

I am writing in reference to the above named case # - concerning the property at 1115 21st Street in Oakland. My husband Thompson Owen and I are the prospective buyers for this property.

I have been in touch with Diane Frizzie, the current owner of this property, who has informed me that the soil and ground water testing of the UST have been completed and the analysis is favorable. I have not seen the results yet but I understand that Diane is forwarding those to your office as quickly as possible.

I am sure that your office has many open and active cases, but we are anxious to receive a letter closing this UST - we are waiting on an official letter from you before we agree to proceed to the closing. Whatever you can do to expedite this process would be most appreciated. Since July 2003 when this issue was first raised by the Phase 1 environmental survey, we have been hoping to get the issue resolved.

Thank you in advance for your kind attention to this matter. If you should have need to contact us as the prospective buyers of the property, you can reach us at 510 601 6764 phone 510 601 6674 fax or email to <maria@sweetmarias.com>.

Thank you and I hope you have a great holiday.

Sincerely,

Maria Troy

Sweet maria's
Coffee roasting
5th Street
Emeryville CA 94608



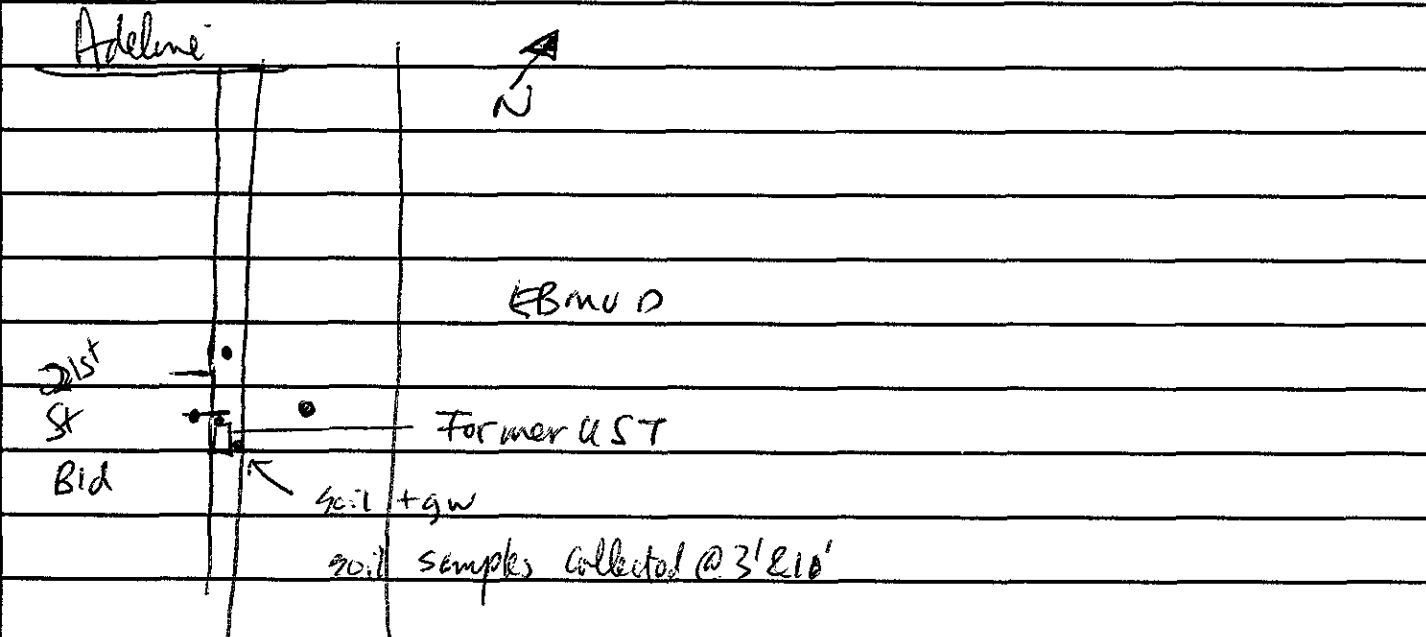
Alameda City Environmental Health
ATTN: BARNEY CHAN, HAZARDOUS MATERIALS SPECIALIST
1131 HARBOR WAY PARKWAY
ALAMEDA CA
94502

94502+6540

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID # <u>20301</u>	FACILITY NAME: <u>1121 21ST ST, Frizzie Prop</u>	PG. <u> </u> OF <u> </u>
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SUPPLEMENTAL FORM



5 Geoprobe borings advanced, soil & gw samples collected
48 hr turnaround on samples, some samples (at street)
& on sidewalk N of UST. put on hold pending results.

H. Mawlshey on site.
Reportedly no soil or gw det. He odors observed

PRINT NAME	INSPECTED BY <u>B. Chan</u>
SIGNATURE	DATE <u>12/2/03</u>

Nov. 27, 2003

Environmental Health Services
Environmental Protection
Attn: Barney Chan, Hazardous Materials Specialist
1131 Harbor Bay Parkway Suite 250
Alameda, Ca. 94502

RE: 1115 21st St.
Oakland, Ca

Dear Mr. Chan:

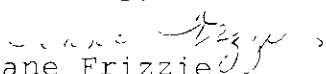
Approximately 12 years ago we hired Tank Protech Co. to remove a small 500 gal. gas tank from 1115 21st St., Oakland. The tank was removed in the presence of my son, Tom Frizzie. When the tank was removed it had no cracks or holes. The soil was stocked piled for two weeks- hauled off by Tank Protech and was back filled quickly at the same location. The report on this soil came back with all percents within EPA guidelines. We did not realize that Tank Protech Co. did not have the county sign off completed site.

Due to the liquidation of our Corporation the records from Tank Protech Co. were destroyed, now Tank Protech is no longer in business.

I know that the soil at 1115 21st. St, Oakland meets all guidelines and that the testing being handled by Helen, with Zaccor Corp. will clear this matter with the County of Oakland for closure.

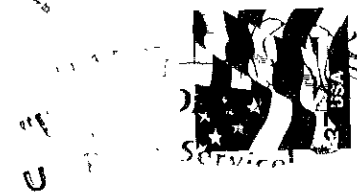
The city has approved a new business to open at 1115 21st. St. Escrow was to close on Oct. 31, 2003.
Your help in this matter would be greatly appreciated.

Sincerely,


Diane Frizzie
P.O. Box 2293
Flornoy, Ca. 96029

cc: Helen
Zaccor Corp.

Diane Frizzie
P.O. Box 2293
Flournoy, Ca. 96029



Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway Suite 250
Alameda, Ca 94502

Attn: ~~Barney Chan~~
Case # RD0000301

94502+6340



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

November 24, 2003

Ms. Diane Frizzie
P.O. Box 2293
Flornoy, CA 96029-2293

Dear Ms. Frizzie:

Subject: Fuel Leak Case RO0000301, 1115 21st St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the case file for the subject site including the November 2003 *A Work Plan for a Limited Site Assessment in the Area of a Former 500-Gallon Underground Storage Tank* prepared by Environmental Technical Services (ETS). We request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

1. The work plan proposes to collect one to four borings to assess soil and groundwater impact. It appears that a minimum of three borings will be required to complete this investigation, one each beneath the former dispenser and product line (as it exited the building) and one in the area of former boring VSP-1. Soil borings should be examined and screened to determine which boring depths should be analyzed in the laboratory. Using this approach, a soil sample from surface to 4' depth will be collected from the dispenser and product line locations. The boring near former boring VSP-1 shall be advanced to minimum depth of 3' below groundwater. Minimally, one soil sample at a depth of approximately 10' bgs shall be collected for laboratory analysis from this boring. In all borings, feel screening results and determination of the vertical extent of contamination should dictate the need to collect more than one soil sample per boring for chemical analysis. A groundwater sample shall be collected from the deeper boring for chemical analysis. All soil and groundwater samples should be analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethyl benzene, xylenes (BTEX) and MTBE, TAME, ETBE, DIPE, TBA, EDB and EDC using EPA Method 8260. The presence of groundwater contamination in the deep boring sample shall dictate whether the other two borings (FB-1 and FB-2) will be advanced. If advanced, soil and groundwater samples should be collected from these borings.
2. The disposition of the initial overburden and over-excavation soils, estimated as being approximately 18 cubic yards, must be documented with proof of disposal. Please submit a copy of the disposal receipt.

If you have any questions, please contact me at (510) 567-6765.

Sincerely,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is written in a cursive, flowing style.

Barney M. Chan
Hazardous Materials Specialist

C B Chan, D Drogos
Ms. H. Mawhmye, ETS, 1548 Jacob Ave., San Jose, CA 95155
Wp01115 21st St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



November 20, 2001
StID 4619/RO0000301

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

Mr. Thomas Frizzie
~~P.O. Box 20606~~ P.O. 2293
~~El Sobrante, CA 94820~~ Flour may CA 96029

**Re: Request for Work Plan for Subsurface Investigation at 1115 21st St.,
Oakland, CA 94607**

Dear Mr. Frizzie:

Our office last spoke to you on May 17, 2001 regarding the need to perform a subsurface investigation at the referenced site to follow up the 1993 underground tank removal. I faxed you a short list of consultants who would be able to give you a bid for a work plan to perform this work. We have not heard from you since this time. During our conversation, you were made aware of the Notice of Violations that have been sent regarding this site. It was assumed that you would proceed with this investigation to avoid potential legal enforcement.

Please submit a work plan for soil and groundwater investigation within 30 days or no later than December 21, 2001. Your case will be referred to the Alameda County District Attorney office if you do not comply.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Ms. S. Torrance, Alameda County District Attorney Office
Wprq1115 21st St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

5/18/01
StID # 4619

Re: Subsurface Investigation at 1115 21st St., Oakland CA 94607

Mr. Thomas Frizzie: *Son of Frank Frizzie*

Per your request, below is a short list of consultants who will be able to give you a bid for your soil and groundwater investigation at your site.

Aqua Science Engineers (925) 820-9391
Blymyer Engineering (510) 521-3773
R&M Environmental (510) 553-2146
Gribi & Associates (707) 748-7743
P & D Environmental (510) 658-6916

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

Sincerely,

Barney M. Chan,
Hazardous Materials Specialist
Alameda County Environmental Health

*P.O. Box 20606
El Sobrante CA 94820
(800) 422-4774
fax (707) 437-7318*

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1117
CONNECTION TEL 17074377318
SUBADDRESS
CONNECTION ID
ST. TIME 05/18 01:12
USAGE T 00'28
PGS. SENT 1
RESULT OK

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

5/18/01
StID # 4619

Re: Subsurface Investigation at 1115 21st St., Oakland CA 94607

Mr. Thomas Frizzie:

Per your request, below is a short list of consultants who will be able to give you a bid for your soil and groundwater investigation at your site.

- Aqua Science Engineers (925) 820-9391
- Blymyer Engineering (510) 521-3773
- R&M Environmental (510) 553-2146
- Gribi & Associates (707) 748-7743
- P & D Environmental (510) 658-6916

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

Sincerely,

Barney M. Chan,
Hazardous Materials Specialist
Alameda County Environmental Health

5/18/01

STID # 4619

SPOKE WITH THOMAS FRIZZIE, SON OF FRANK FRIZZIE
RE 1115 21st St Oakland 94607 (currently a tire shop)

1(800) 422-4774

P.O. Box 20606
SL Sobrante CA 94820

fax ~~(510) 245-4465~~ 707-437-7318

He said he also had a site in Berkeley that had
US7s removed & are now monitoring. Held Contact his
Consultant to meet my request for a WP by 6/4/01.
I'll also fax him a copy of my "Short" list of Consultants

00

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



May 4, 2001
StID # 4619



closed site

Messrs. Frank and Donald Frizzie
2800 Goodrick Ave.
Richmond CA 94801

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

**Re: Submittal of Groundwater Investigation Work Plan for 1115 21st St.,
Oakland CA 94607, former Frank's Tire Service**

Dear Messrs. Frizzie:

Our office would like to give you a final opportunity to provide and perform a groundwater investigation for the former gasoline tank at the above referenced site. Subsequent to the removal of the 500 gallon gasoline tank at this site on 11/23/93 and tank pit over-excavation on 5/6/94, our office contacted you via three letters from two different individuals from our office. These letters include the following:

- August 14, 1995 letter from Ms. Jennifer Eberle
- January 16, 1996 Notice of Violation letter from Mr. Dale Klettke
- August 21, 1996 Final Notice of Violation letter from Mr. Dale Klettke

Each letter reiterated the need to perform a groundwater investigation. Though the over-excavation appears to have removed most of the petroleum contamination, there is a potential that groundwater may have been impacted. In addition, prior to recommending site closure, the State Water Resources Control Board (SWRCB) requires that a groundwater sample be analyzed for the contaminant, MTBE, methyl tertiary butyl ether. Therefore, a groundwater sample should be collected and analyzed for total petroleum hydrocarbons as gasoline (TPHg), BTEX (benzene, toluene, ethyl benzene and xylenes) and MTBE. Given that a significant amount of the contaminated soil has been removed and the time since the tank removal, it is possible that this investigation may allow for site closure.

Since the site history indicates your unwillingness to perform the requested investigation, the failure to provide the requested work plan will cause this case to be referred to the Alameda County District Attorney Office for enforcement. **Please provide an acceptable work plan within 30 days or no later than June 4, 2001.**

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C B. Chan. files
Mr M O'Conner. Alameda County District Attorney Office

SS1rq1115 21st

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

STID 4619

August 21, 1996

Frank & Don Frizzie
2800 Goodrick Avenue
Richmond, CA 94801

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(510) 271-4300

"FINAL NOTICE OF VIOLATION"

RE: FRANK'S TIRE SERVICE, 1115 - 21ST STREET, OAKLAND, CA 94607

Dear Mr. and Mr. Frizzie,

This letter serves to follow-up to a Alameda County Health Care Services Agency (ACHCSA) letter from myself dated January 19, 1996. In this letter you were requested to **submit a work plan for groundwater investigation within 30 days, or by February 19, 1996.** You were also requested to **submit proper documentation for the disposal of the stockpiled soils within 30 days, or by February 19, 1996.** No groundwater investigation work plan or any documentation pertaining to the disposal of the stockpiled soils has been received by this office. A copy of this letter is enclosed for your review.

At this time you are directed to submit a work plan for groundwater investigation within 30 days of the date of this letter or by September 21, 1996. In addition, you re directed to **submit proper documentation for the disposal of the stockpiled soils within 30 days of the date of this letter or by September 21, 1996.**

Please be advised that failure to satisfy this request will result in the referral of this case to the Alameda County District Attorneys Office. **This letter constitutes a formal request for technical reports pursuant to California Water Code Section 13267(b) and Health and Safety Code Sections 25299.37 and 25299.7.** Please be further advised that Section 25299(b) of the California Health and Safety Code, among other possible statutes, provides for civil penalties of up to \$5000 per tank per day for failure to comply with this directive.

Please call me at your earliest convenience concerning this matter. Failure to reply to this request may subject you to additional penalties under the Water Code. Please contact me at 510/567-6880 should you have any questions about the content of this letter

Sincerely,

Dale Klettke, CHMM
Hazardous Materials Specialist

Mr. and Mr. Frizzie
RE: Frank's Tire Service
August 21, 1996
Page 2 of 2

enclosure

c: Gil Jensen, Alameda County District Attorney's Office
Thomas Peacock, LOP Manager--files

4619nov.fnl

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

STID 4619

January 19, 1996

Frank & Don Frizzie
2800 Goodrick Avenue
Richmond, CA 94801

DEPARTMENT OF PUBLIC HEALTH
499 Fifth Street
Oakland, California 94607
(510)

"NOTICE OF VIOLATION"

RE: FRANK'S TIRE SERVICE, 1115 - 21ST STREET, OAKLAND, CA 94607

Dear Mr. and Mr. Frizzie,

This letter serves to follow-up to a Alameda County Health Care Services Agency (ACHCSA) letter from Jennifer Eberle dated August 14, 1995. In this letter you were requested to **submit a work plan for groundwater investigation within 45 days, or by October 2, 1995**. You were also requested to **properly resample (if so desired) and dispose the stockpile within 45 days, or by October 2, 1995**. No groundwater investigation work plan or any documentation pertaining to the disposal of the stockpiled soils has been received by this office. A copy of this letter is enclosed for your review.

At this time you are directed to submit a work plan for groundwater investigation within 30 days of the date of this letter or by February 19, 1996. In addition, you're directed to submit proper documentation for the disposal of the stockpiled soils within 30 days of the date of this letter or by February 19, 1996

Please be advised that failure to satisfy this request may result in the referral of this case to the Alameda County District Attorneys Office. Please be further advised that Section 25299(b) of the California Health and Safety Code, among other possible statutes, provides for civil penalties of up to \$5000 per tank per day for failure to comply with this directive.

I have just recently taken over management of this case from Jennifer Eberle of this office. Please call me at your earliest convenience concerning this matter. Failure to reply to this request may subject you to additional penalties under the Water Code. Please contact me at 510/567-6880 should you have any questions about the content of this letter

Sincerely,

bc
Dale Klettke, CHMM
Hazardous Materials Specialist

Mr. and Mr. Frizzie
RE: Frank's Tire Service
January 19, 1996
Page 2 of 2

enclosure

c: Gil Jensen, Alameda County District Attorney's Office
Thomas Peacock, LOP Manager--files

4619nov1.dkt

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

August 14, 1995
STID 4619

Frank & Don Frizzie
2800 Goodrick Ave.
Richmond CA 94801

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

RE: Frank's Tire Service, 1115-21st St., Oakland CA 94607

Dear Mr. and Mr. Frizzie,

Since my last letter to you, dated 4/18/94, I have received the "Tank Closure Report," prepared by Tank Protect Engineering, dated 5/31/94. This report summarized the activities associated with the removal of the 500-gallon underground storage tank (UST) removed from the sidewalk on 11/23/93.

The stockpiled soils left over from the UST removal must be properly disposed. This request was made in my last letter, dated 4/18/94. It appears that these soils remain onsite, in the adjacent parking lot, as per a site drive by visit on 8/11/95. Since the concentrations of TPH-gasoline and BTEX were very low, it is possible that the volatile constituents have aerated by now. **You are requested to properly resample (if so desired) and dispose the stockpile within 45 days, or by October 2, 1995.**

In addition, a **groundwater investigation is warranted**, due to the concentrations of the soil contaminants encountered, and the shallow depth to groundwater in this area of Oakland. The initial concentrations from the pit bottom at 9.5' bgs were 630 ppm TPH-gasoline and 0.600 ppm benzene. Subsequent to overexcavation, the maximum concentrations left in place were 290 ppm TPH-g and 2.8 ppm benzene.

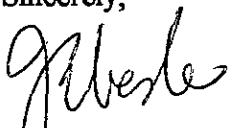
The standard groundwater investigation consists of three permanent groundwater monitoring wells, in an equilateral triangle. However, it would be acceptable to perform a direct push technique, also known as grab groundwater sampling. A minimum of three locations should be sampled in this fashion. **Please submit a workplan for a groundwater investigation within 45 days, or by October 2, 1995.**

I believe our mutual goal is the closure of this case, at which point a closure letter will be issued from this office, and signed by the Director of this Department. The closure letter is usually paramount in importance when doing a property transfer or refinancing a property loan.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335.

August 14, 1995
STID 4619
Frank & Don Frizzie
page 2 of 2

Sincerely,

A handwritten signature in cursive script, appearing to read "J. Eberle".

Jennifer Eberle
Hazardous Materials Specialist

cc: Tom Peacock/file

je.4619

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 Frank's Tire Today's Date 5/16/94
 Site Address 1115 - 21st St EPA ID# _____
 City Oakland Zip 94607 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 overexc. sampling

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

- LA 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
-
- Conlin. gency**
- ___ 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

Comments:

← 21st →

① 9' stemmed clay pipe - 9' odw sidewalk 10.5'

② 9' stemmed clay pipe - 9' odw sidewalk 10.5'

③ 18" bitum brown clay no odw 11'

④ 1" stem 10' odw ~ 10' sidewalk

⑤ 3" stem 11' no odw 10' sidewalk

- LB TRANSPORTER (Title 22)**
- ___ 32. Applic./Insurance 66428
 - ___ 33. Comp. Cert./CHP Inso. 66448
 - ___ 34. Containers 66465
-
- Manifest**
- ___ 35. Vehicles 66563
 - ___ 36. EPA ID #s 66531
 - ___ 37. Correct 66541
 - ___ 38. HW Delivery 66543
 - ___ 39. Records 66544
-
- Cont'rs**
- ___ 40. Name/ Covers 66545
 - ___ 41. Recyclables 66800

Rev 3/88

Contact _____
 Title _____
 Signature [Signature]

Inspector _____
 Signature [Signature]

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 18, 1994
STID 4619

Frank & Don Frizzie
2800 Goodrick Ave.
Richmond CA 94801

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

RE: Frank's Tire Service, 1115-21st St., Oakland CA 94607

Dear Frank & Don Frizzie,

As you know, a 500-gallon Underground Storage Tank (UST) was removed from this site on 11/23/93. The UST was rusted and had a crack on the seam where the side met the bottom. One soil sample was collected below the UST. Laboratory results from this sample document 630 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPH-g) and 0.6 ppm benzene.

Since this contamination remains in the excavation, we request that you remediate this condition within 30 days or by May 18, 1994. During a conversation with Lee Huckins of Tank Protect Engineering (TPE) on 1/24/94, I agreed with his proposal to overexcavate and resample without having to submit a workplan, in order to keep costs low. I have not heard from TPE or yourself since that time. On 4/13/94, I phoned TPE and was told that work has not proceeded. I also visited the site and confirmed that this was the case.

In addition, we request that you submit a UST Closure Report to this office within 15 days or by May 3, 1994. This report was due within 60 days of UST removal, or by 1/23/94, as was stipulated in the UST Closure Plan which you signed on 10/14/93. We can discuss what exactly is needed in this report.

In addition, the stockpiled soils must be properly disposed. There were low concentrations of petroleum hydrocarbons in one of the two soil samples collected from the stockpiled soils. It is possible that these low concentrations have dissipated via aeration. This can be confirmed with resampling. If this soil is clean, it can be reused in the excavation.

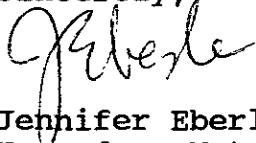
Please note that there are state funds available to reimburse you for the costs of remediation. I have enclosed information. The state usually requires the selection of the lowest of 3 bids for each stage of remediation. If you have questions concerning this reimbursement fund, please contact Christopher Stevens of the State Water Resources Control Board (SWRCB) at 916-227-4519 or Jim Munch at 916-227-4430.

April 14, 1994
STID 4619
Frank & Don Frizzie
page 2 of 2

Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Lee Huckins, Tank Protect Engineering, 2821 Whipple Rd.,
Union City CA 94587
Ed Howell/file

je
attachment

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 PHONE NO. 510/271-4320

Jennifer Ebert
see p 5
J Ebert
10/28/93

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 the issuance of any required building permits for construction/demolition. One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the project. Any changes or alterations of these plans a description of which must be submitted to this Department and to the District Building Inspections Department to determine if such changes must 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 dependant on compliance with accepted plan, 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. Business Name Frank's Tire Service
 Business Owner Frank's Tire Service
 2. Site Address 1115 - 21st Street
 City Oakland, CA Zip 94607 Phone ~~(510) 233-8473~~
 3. Mailing Address 2800 Goodrick Avenue
 City Richmond, CA Zip 94801 Phone (510) 233-8473
 4. Land Owner Frank's Tire Service *contact? Frank Frizzie*
 Address 2800 Goodrick Ave. City, State Richmond, CA Zip 94801
 5. Generator name under which tank will be manifested _____

- EPA I.D. No. under which tank will be manifested _____

6. Contractor Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Road
City Union City, CA 94587 Phone (510) 429-8088
License Type* A-HAZ ID# 575837

*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. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Road
City Union City, CA 94587 Phone (510) 429-8088

8. Contact Person for Investigation
Name Frank Frizzie Title Owner *prop. ? yes.*
Phone (510) 233-8473

9. Number of tanks being closed under this plan 1 *total # USTs on site prob 1.*
Length of piping being removed under this plan 3
Total number of tanks at facility 1

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

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name N/A EPA I.D. No. _____
Hauler License No. _____ License Exp. Date _____
Address _____
City _____ State _____ Zip _____

*why N/A?
owner*

b) Product/Residual Sludge/Rinsate Disposal Site

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name H & H Environmental Services EPA I.D. No. CAD004771168
Hauler License No. 0334 License Exp. Date 1/94
Address 220 China Basin
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Shipyard EPA I.D. No. CAD004771168
Address 220 China Basin
City San Francisco State CA Zip 94107

11. Experienced Sample Collector

Name _____
Company Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Road
City Union City State CA Zip 94587 Phone (510) 429-8088

12. Laboratory

Name Priority Environmental Labs
Address 1764 Houret Court
City Milpitas State CA Zip 95035
State Certification No. 1708 Exp. 1/94

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

Use 15 lbs. of dry ice per each 1,000 gallon capacity for each tank.

verify with on-site LEL meter.

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 plugged.

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
500 gallon	gasoline	soil	One sample at fill or pump end of tank. Max. of 2 ft. below tank pit.
	piping	soil	One sample every 20 lineal ft., or under swing joint dispenser.
If water	Present in tank	water	One sample from walls next to tank ends at soil/water interface.

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 4 cubic yards	Sampling Plan One sample for every 20 cubic yards maximum or 1 sample every 50 cubic yards minimum. <i>for reuse onsite</i>

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

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.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Gasoline TPHG BTEX <i>total Pb</i>	EPA 5030 EPA 5030 <i>AA</i>	GCFID ✓ 8020/8240 ✓	1 ppm .005 ppm
If groundwater encountered:	TPHG 5030/ BTEX 5030/	GCFID 602 or 624	

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Compensation 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 report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

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

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.

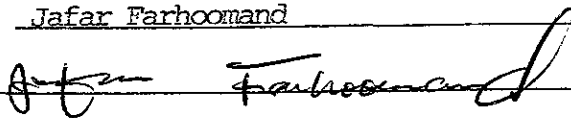
I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner 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.

Signature of Contractor

Name (please type) Jafar Farhoomand

Signature _____

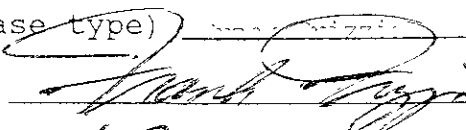


Date October 14, 1993

Signature of Site Owner or Operator

Name (please type) _____

Signature _____



Date 10-14-93

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 1 M 1 M 3 D 0 O 9 Y 3 Y		CASE #		SIGNED: <i>[Signature]</i> DATE: 12-2-93		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Lyle Travis		PHONE (510) 429-8088		SIGNATURE <i>[Signature]</i>	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD		COMPANY OR AGENCY NAME Tank Protect Engineering of Northern California, Inc.	
	ADDRESS 2821 Whipple Road STREET Union City, CA STATE 94587 ZIP					
RESPONSIBLE PARTY	NAME Franks Tire Service		<input type="checkbox"/> UNKNOWN		CONTACT PERSON Frank Frizzie	
	ADDRESS P.O. Box 21495 STREET El Sobrante, CA STATE 94820 ZIP		PHONE (510) 233-8473			
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Frank's Tire Service		OPERATOR Frank Frizzie		PHONE (510) 233-8473	
	ADDRESS 1115 21st Street STREET Oakland, CA STATE 94607 ZIP					
	CROSS STREET					
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Servs. Agency		AGENCY NAME		CONTACT PERSON Jennifer Eberle	
	REGIONAL BOARD CRWOCB - San Francisco Bay Region				PHONE (510) 271-4320	
SUBSTANCES INVOLVED	(1) NAME Petroleum Hydrocarbons - see below		QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN			
	(2)		<input type="checkbox"/> UNKNOWN			
DISCOVERY/ABATEMENT	DATE DISCOVERED 1 M 1 M 2 D 3 D 9 Y 3 Y		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL		<input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS	
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING			
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE		<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE			
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL			
	<input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		<input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S), SEE BACK FOR DETAILS <input type="checkbox"/> CAP SITE (C1) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)					

Removed one 500-gallon gasoline underground storage tank.

2 ppm - 1000 ppm, 1000 ppm - 1000 ppm

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 Frank's Tire Service Today's Date 11/23/93
 Site Address 1115-21st St. EPA ID# _____
 City Oakland Zip 94607 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)!

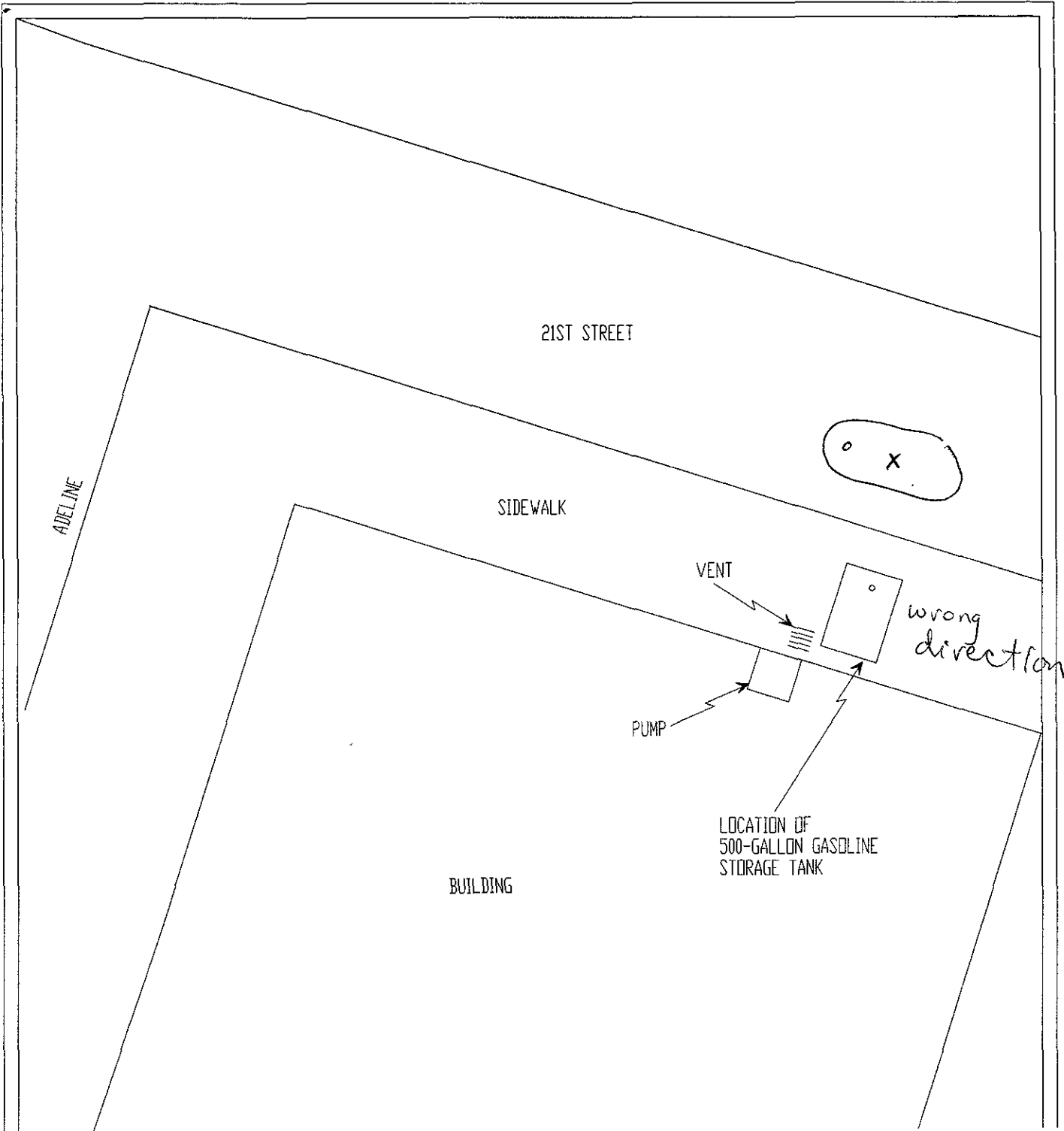
LA GENERATOR (Title 22)	1:00
1. Waste ID	* 66471
2. EPA ID	66472
3. > 90 days	66508
4. Label dates	66508
5. Biennial	66493
6. Records	66492
7. Correct	66484
8. Copy sent	66492
9. Exception	66484
10. Copies Rec'd	66492
11. Treatment	66371
12. On-site Disp. (H.S.&C.)	26189.5
13. Ex Haz. Waste	66570
14. Communications	67121
15. Aisle Space	67124
16. Local Authority	67126
17. Maintenance	67120
18. Training	67105
19. Prepared	67140
20. Name List	67141
21. Copies	67141
22. Emg. Coord. Tmg.	67144
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

LB TRANSPORTER (Title 22)	
32. Applic./Insurance	66428
33. Comp. Cert./CHP Insp.	66448
34. Containers	66465
35. Vehicles	66465
36. EPA ID #s	66531
37. Correct	66541
38. HW Delivery	66542
39. Records	66544
40. Name/ Covers	66545
41. Recyclables	66800

Arrived onsite. Gary Collins of
 Comments: On 1% + LEL 5%. OFD onsite!
UST is below sidewalk. Manifest #92219745. Removal of 500-gal UST; dispenser is ~10' from UST, located inside bldg. UST is single-walled steel, rusted. There is a crack in the side/bottom seam, opposite from fill end. H+H transported UST in pickup truck. Soil ^{on walls} surrounding the tank & sandy backfill is black clay (no odor or oily appearance). Soil starting at ~2' below ~1' below tank bottom is a light green/grey clay w/HC odor. Took 1 sample from below ote of UST at ~9' base. Tank bottom was 7'. Pit will be covered w/plywood. Soil will be stockpiled on sidewalk. SP is separated into "clean" & "dirty" & was sampled accordingly. ~10 yd³
 2:10 left site ~20 yd³

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Contact _____
 Title _____
 Signature [Signature] Inspector Jennifer Eberk
 Signature [Signature] Signature [Signature]
 * New business owner May need HMMP/gen permit



SITE SAFETY PLAN
TANK PROTECT ENGINEERING OF NORTHERN CALIFORNIA, INC.

Site: **Frank's Tire Service**
1115 21st Street
Oakland, CA 94607

Project Number: **293**

Original Site Safety Plan: Yes (X) No ()
Plan Prepared by **Tank Protect Engineering**
Plan Approved by **Louis Travis III**

Revision Number:
Date: **10/15/93**
Date: **10/15/93**

Please respond to each item as completely as possible. Where an item is not applicable, please mark "N/A".

1. KEY PERSONNEL AND RESPONSIBILITIES

(Include name, telephone number and health and safety responsibilities; i.e., project manager - Joe Smith - responsible for supervision of all site activities.)

Project Manager:	Louis Travis III,	(510) 429-8088
Site Safety Manager:	Louis Travis III,	(510) 429-8088
Alternate Site Safety Manager:		
Field Team Members:	Ed LeHouillier,	(510) 429-8088

Agency Reps: [Please specify by one of the following symbols: Federal: (F), State: (S), Local: (L), Contractor(s): (C)]

(L) Alameda County Health Care Services Agency: (510) 271-4320
(L) City of Oakland, Fire Department: (510) 238-3851

TPE SITE SAFETY PLAN

2. JOB HAZARD ANALYSIS

2.1 OVERALL HAZARD EVALUATION

Hazard Level: High () Moderate (X) Low () Unknown ()
Hazard Type: Liquid () Solid () Sludge () Vapor/Gas (X)

Known or suspected hazardous materials present on site

See below: 1 - Gasoline vapors contain benzene, toluene, xylenes, ethylbenzene; 2 - Diesel; 3 - Waste oil

Characteristics of hazardous materials included above (complete for each chemical presents):

MATERIAL #1

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)
			Skin & Mucous Membrane

MATERIAL #2

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Semi-Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)

MATERIAL #3

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact (X)

MATERIAL #4

Corrosive ()	Ignitable ()	Toxic ()	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact ()

TPE SITE SAFETY PLAN

2.2 JOB-SPECIFIC HAZARDS

For each labor category specify the possible hazards based on information available (i.e., Task-driller, Hazards-trauma from drill rig accidents, etc.) For each hazard, indicate steps to be taken to minimize the hazard.

Task - Tank Removal; Hazard - Gasoline Vapor Explosion: To minimize - use 15 lb of dry ice per each 1,000 gallon capacity to inert vapor present in tank.

The following additional hazards are expected on site (i.e., snake infested area, extreme heat, etc.): **N/A**

Measures to minimize the effects of the additional hazards are:
N/A

3. MONITORING PLAN

3.1 (a) Air Monitoring Plan

Action levels for implementation of air monitoring. Action levels should be based on published data available on contaminants of concern. Action levels should be set by persons experienced in industrial hygiene.

Level (i.e.,.5 ppm)	Action Taken (i.e., commence perimeter monitoring)
5 ppm	Cease work and commence perimeter monitoring until contamination disperses.

(b) Air Monitoring Equipment

Outline the specific equipment to be used, calibration method, frequency of monitoring, locations to be monitored, and analysis of samples (if applicable).

TPE SITE SAFETY PLAN

Air monitoring will be done by using Gastech Model 1314. Hexane will be used for calibration of Gastech.

If air monitoring is not to be implemented for this site, explain why: N/A

3.2 Personnel Monitoring

(Include hierarchy of responsibilities decision making on the site)

Safety officer advises field manager who delegates responsibilities to individual team workers.

3.3 Sampling Monitoring

- (a) Techniques used for sampling: **Insert a probe inside the tank to determine LEL and oxygen levels.**
- (b) Equipments used for sampling: **Gastech Model 1314**
 - 1 - Hydrocarbon Super Surveyor**
 - 2 - Brass Sleeve and Sampler With Hammer**
- (c) Maintenance and calibration of equipments: **Use hexane for calibration. Equipment will be calibrated prior to operation.**

4. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Equipment used by employees for the site tasks and operations being conducted. Be Specific (i.e., hard hat, impact resistance goggles, other protective glove, etc.).

Hard hat, protective gloves (petroleum resistant), safety glasses or goggles, respirator (with organic vapor filter) for site emergency personnel.

TPE SITE SAFETY PLAN

5. SITE CONTROL AND SECURITY MEASURES

The following general work zone security guidelines should be implemented:

- Work zone shall be barricaded and caution tape used.
- Excavations shall be closed or perimeter shall be barricaded when drilling and sampling activities are not actually taking place.
- No excavations shall be left unattended without perimeter barricaded. Visitors will not enter the work zone unless they have attended a project safety briefing.
- Persons will not leave the work zone without first passing through the decontamination zone.

6. DECONTAMINATION PROCEDURE

List the procedures and specific steps to be taken to decontaminate equipment and PPE. **Wash with tri-sodium phosphate solution and rinse with clean potable water.**

7. TRAINING REQUIREMENTS

Prior to mobilization at the job site, employees will attend a safety briefing. The briefing will include the nature of the wastes and the site, donning personal protection equipment, decontamination procedures and emergency procedures.

8. MEDICAL SURVEILLANCE REQUIREMENTS

If any task requires a very high personnel protection level, personnel shall provide assurances that they have received a physical examination and they are fit to do the task. Also personnel will be instructed to look for any symptom of heat stress, heat stroke, heat exhaustion or any other unusual symptom. If there is any report of that kind it will be immediately followed through, and appropriate action will be taken.

TPE SITE SAFETY PLAN

9. STANDARD OPERATION PROCEDURES

Tank Protect Engineering of Northern California, Inc. (TPE) is responsible for the safety of all TPE employees on site. Each contractor shall provide all the equipment necessary to meet safe operation practices and procedures for their personnel on site and be responsible for the safety of their workers.

A "Three Warning" system is utilized to enforce compliance with Health and Safety procedures practices which will be implemented at the site for worker safety:

- * Eating, drinking, chewing gum or tobacco, and smoking will be allowed only in designated areas.
- * Wash facilities will be utilized by workers in the work areas before eating, drinking, or use of the toilet facilities.
- * Containers will be labeled identifying them as waste, debris or contaminated clothing.
- * All Excavation/drilling work will comply with all applicable regulatory agencies requirements.
- * All site personnel will be required to wear hard hats and advised to take adequate measures for self protection.
- * Any other action which is determined to be unsafe by the site safety officer.

10. CONFINED SPACE ENTRY PROCEDURES

No one is allowed to enter any confined space operation without proper safety measures. Specifically in case of an excavated Tank Pit no one should enter at any time.

TPE SITE SAFETY PLAN

11. EMERGENCY RESPONSE PLAN

Fire extinguisher(s) will be on site prior to excavation. Relevant phone numbers:

Person	Title	Phone No.
<u>Louis Travis III</u>	Project Manager	(510) 429-8088
_____	Fire	911 or _____
_____	Police	911 or _____
_____	Ambulance	911 or _____
_____	Poison Control Center	(800) 523-2222
_____	Site Phone	(510) 000-0000
_____	Nearest off-site no.	_____
<u>Summit Medical Center</u>	Medical Advisor	(510) 420-6080
<u>Frank Frizzie</u>	Client Contact	(510) 233-8423
U.S EPA - ERT _____		(201) 321-6660
Chemtrec _____		(800) 424-9300
Centers for Disease Control _____	Day	(404) 329-3311
	Night	(404) 329-2888
National Response Center _____		(800) 424-8802
Superfund/RCRA Hotline _____		(800) 424-8802
TSCA Hotline _____		(800) 424-9065
National Pesticide Information Services _____		(800) 845-7633
Bureau of Alcohol, Tobacco, and Firearms _____		(800) 424-9555

TPE SITE SAFETY PLAN

HEALTH AND SAFETY COMPLIANCE STATEMENT

I, have received and read a copy of the project Health and Safety Plan.

I understand that I am required to have read the aforementioned document and have received proper training under the occupational Safety and Health Act (29 CFR, Part 1910.120) prior to conducting site activities at the site.

Louis Travis jm
Signature

10/15/93
Date

Ed Lehoullier jm
Signature

10/15/93
Date

Nearest Hospital:

Summit Medical Center
350 Hawthorne Avenue
Oakland, CA 94609
Gen. Info. (510) 420-6777
Emergency (510) 420-6080

Directions From Site:

Drive southeast on 21st Street to Telegraph Avenue. Turn left (northeast) onto Telegraph Avenue. Proceed on Telegraph Avenue to 34th Street. Turn right (east) on 34th Street. The hospital's emergency room is on the right hand side.

