

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



July 12, 2002

Mr. Henry Tran
1395 7th St.
Oakland, CA 94607

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

Dear Mr. Tran:

Subject: Fuel Leak Case RO0000053, Trucker's Friend, 1395 7th St., Oakland CA 94607

Alameda County Environmental Health, Local Oversight Program, has reviewed the case file for the subject site including the analytical results from McCampbell Analytical for the soil and groundwater investigation of the former waste oil tank. We request that you address the following technical comments and submit the technical reports as mentioned below.

Technical Comments

- It appears that the release from the former waste oil tank is limited, however, there was no report included with these results. You are required to submit a **complete** report including a narrative description of what was found and done during the investigation, boring logs, comments and conclusions and the signature of the lead professional overseeing this work.
- It was agreed that the site investigation could occur in two phases, first, the investigation of the former waste oil tank and second, the investigation of the former fuel (gasoline and diesel) tanks. MW-3 was sampled along with the borings and reported 0.55 ppb toluene, 0.81 xylenes and 70 ppb MTBE. Though these levels are low, additional investigation is required for the former fuel tank system since the original investigation was incomplete.
- Our office does not have the monitoring well installation report for the three wells installed by Chevron. Their well construction is currently unknown. We are also lacking monitoring reports, gradient contours and depth to water information. In addition, MW-1 was installed within the tank backfill and therefore may have provided questionable historic data.
- Elevated TPH was observed in soils within the dispenser area and along the piping run, however, their impact to groundwater was never investigated.

Technical Report Request

- Please submit your complete waste oil tank investigation report to our office within 30 days or no later than August 14, 2002.
- Please submit your work plan for investigation of the former fuel tanks within 30 days or no later than August 14, 2002.

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. J. Alt, Epigene International, 37161 Niles Blvd., Suite B, Fremont, CA 94536
Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

2wprq1395 7th 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

June 5, 2002

Mr. Henry Tran
1395 7th St.
Oakland, CA 94607

Dear Mr. Tran:

Subject: Fuel Leak Case No. RO0000053, 1395 7th St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP), requests that you address the following technical comments to maintain your eligibility to the Clean-up Fund and progress this site to case closure.

Technical Comment

1. Our office was present to observe the subsurface investigation of the former waste oil tank on January 26, 2002. A report was to be submitted within 3 weeks after completion of this work. To date, our office has not received this report including recommendations.
2. The second part of your investigation was to complete the investigation of the former fuel tanks. One monitoring well was apparent at the time of my site visit. It is assumed that the other two wells were destroyed during the excavation and removal of the former fuel tanks. Please have your consultant make recommendations for the completion of the investigation of the fuel tanks. At a minimum, you should verify the groundwater gradient and resample the remaining well for all fuel constituents including the ether oxygenates and lead scavengers.

Technical Report Request

Please submit the following technical report(s) to our office according to the following schedule.

- July 5, 2002- Soil and groundwater investigation of former waste oil tank and recommendations for the fuel tank investigation.

Failure to meet the requested deadline may result in enforcement and the removal of eligibility to the Underground Storage Tank Cleanup Fund. 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. John Alt, Epigene International, 37161 Niles Blvd., Suite B, Fremont, CA 94536
Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

Repl395 7thSt



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

FEB 19 2002

2053
RL

FEB 22 2002

Trucker's Friends, Inc.
Hung "Henry" Tran
1395 7th St
Oakland, CA 94607

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 015797, FOR
SITE ADDRESS: 1395 7TH ST, OAKLAND

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$5,800. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **You are encouraged to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

"Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.

"Bid Summary Sheet" to list information on bids received which **must be completed and returned.**

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

California Environmental Protection Agency



"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**


"Notice of Change of Address" form if needed.

☛ **THIS IS IMPORTANT TO YOU, PLEASE NOTE:**

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Toru Okamoto at (916) 341-5649.

Sincerely,



Allan V. Patton, Manager
Underground Storage Tank Cleanup Fund

Enclosures

Lustis Case #: 01-0323

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

✓ Ms. Susan Hugo
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #:	FACILITY NAME: Truckeri friend	PG. _____	OF _____
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SUPPLEMENTAL FORM

Present @ ~ 10²⁵ am to observe advancement of
4 geophones around former waste oil UST.
Observe location of existing and former USTs & the one
remaining MW (from Chevron)
J. Alet of Epigone
Precision - drillers
Met w/ Mr. Tran, location of borings as proposed
the former pit is obvious because of new concrete patch.

PRINT NAME:	INSPECTED BY: BCHam
SIGNATURE:	DATE: 1/26/02



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814
P O. Box 944212 • Sacramento, California • 94244-2120
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Gray Davis
Governor

*The energy challenge facing California is real Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.*

January 14, 2002

2053
RL

JAN 24 2002

Trucker's Friends, Inc.
1395 7th St
Oakland, CA 94607

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS,
CLAIM NO. 015797, PA # 1 (ACCEPTANCE OF REASONABLE COST 01-09-02)
SITE ADDRESS: 1395 7TH ST, OAKLAND, CA 94607**

I have reviewed your request, received on December 10, 2001, for pre-approval of corrective action costs. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the November 5, 2001, Epigene International Consulting Geologists workplan approved by the Alameda County EHD (County) in their November 16, 2001 letter, is \$ 5,800; see the table below for a breakdown of costs.

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary.

In an effort to expedite future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we ask that the attached 'Pre-Approval Specific Reimbursement Request Form' be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

In order for future costs for corrective action to be part of the expedited reimbursement process, they must be pre-approved in writing by Fund staff.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.



State Water Resources Control Board

Division of Clean Water Programs

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December 31, 2001

Trucker's Friends, Inc.
1395 7th St
Oakland, CA 94607

JAN 10 2002

**REQUEST FOR PRE-APPROVAL OF CORRECTIVE ACTION COSTS,
CLAIM NO. 015797, PA # 1
SITE ADDRESS: 1395 7TH ST, OAKLAND, CA 94607**

I have reviewed your request, received on December 10, 2001, for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

Pursuant to Section 2811.4, subdivision (c), of the Cleanup Fund regulations and based upon the materials submitted, the Cleanup Fund must deny your request for pre-approval. You have failed to submit the required three bids for the tasks covered by your pre-approval request. Also the, single bid you provided for the task covered by your pre-approval request is unreasonable for the scope of work. Based on the Cleanup Fund's experience with similar sites in your area, we have determined that \$ 5,800 is reasonable for the tasks included in your pre-approval request. The breakdown of costs associated with each task is shown in Table 1 below.

There are two options available to you. You must secure the requisite bids for the tasks covered by the pre-approval request, and the Cleanup Fund will evaluate the reasonableness of the costs in light of the additional bids.

Or, you may resubmit the existing bid and request pre-approval for the amounts specified in Table 1. Since the Cleanup Fund has determined that the amount specified in Table 1 is reasonable for this scope of work, the three-bid requirement is unnecessary if you concur with the Cleanup Fund's determination. The Cleanup Fund has the authority to waive the three-bid requirement as unnecessary upon your request to do so. Therefore, if your resubmitted pre-approval request only seeks pre-approval for the amount the Cleanup Fund has determined reasonable (the amount specified in Table 1) and you request waiver of the three-bid requirement as unnecessary, the Cleanup Fund will grant your request for pre-approval and waive the three bid requirement, with respect to this scope of work, as unnecessary.

A waiver does not waive the three-bid requirement for the claim, but only for the tasks covered by the pre-approval request. Again, if you decide to seek waiver of the three-bid requirement because it is unnecessary, then you must provide a written request for waiver of the three-bid requirement and resubmit your pre-approval request seeking only the amounts specified in Table

1. In an effort to assist you in expediting the pre-approval process we have prepared the attached *Acceptance of Reasonable Cost/Request for Bid Waiver* form letter. If you concur/accept our reasonable cost determination and would like to request a bid waiver, then just sign and date the attached letter and return to us for further processing your Pre-Approval.

Table 1
REASONABLE COST BREAKDOWN

#	Task*	Reasonable Cost, \$	Comments/Changes
1	Borings, Analytical & Report	\$5,800	This cost includes all time and materials associated with this task. (4-Borings to 12', Analytical & Report.) The following hours and rates were adjusted: Principal Engineering Geologist - 4 hrs @ \$105/hr., Staff Geologist -17 hrs @ \$75/hr. and Drafter/Technician - 12 hrs @ \$50/hr.
TOTAL Reasonable Cost		\$ 5,800	

* Task descriptions are the same as those identified in Epigene International Consulting Geologists's November 26, 2001 Cost Estimate

Should you decide to obtain the additional bids for satisfying the three-bid requirement, and if you need assistance in procuring contractor and consultant services for corrective action don't hesitate to call me at (916) 341-5757.

Sincerely,



Sunil Ramdass, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Ms. Susan Hugo
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



Winston H. Hickox
Secretary for
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State Water Resources Control Board

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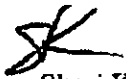
The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

510
#5007

RO 53

FAX MEMORANDUM

TO: Barney Chan
Hazardous Material Specialist
Fax Number: (510) 337-9335

FROM:  Shari Knieriem, (916)341-5714, FAX (916) 341-5806
UST CLEANUP FUND
DIVISION OF CLEAN WATER PROGRAMS
1001 I Street, 17th Floor, Sacramento, CA 95814

DATE: November 29, 2001

SUBJECT: COMPLIANCE SIGN-OFF (Claim number 15797)

Hi Barney, (STID 5007/RO0000053)

Please sign off on Trucker's Friends Inc.'s compliance so that I may issue them a Letter of Commitment. Return the originally signed copy to me. Thanks, Shari

Pages being faxed including this page 2

Underground Storage Tank Cleanup Fund

Claim Review Checklist

Page 3

Claim No: 15797	Claimant Name: TRUCKER'S FRIENDS, INC
	Site Address: 1395 Seventh St - Oakland

Alameda City - LEAD

Oakland - permits

Compliance Documentation	
Date	Corrective Action Performed
7/22/97	Alameda City Approved WKPLAN for Soil Borings
8/97	(1) 4,000 gal Gasoline (1) 5000 gal Diesel (1) 9000 gal Diesel UTS were removed from subject property - Soil samples collected in the area of the gas/diesel contained up to 2500 ppm TPH + 20,000 ppm TPH diesel
8/25/98	Alameda City Ltr - NO record of soil borings being done - Request Report for this investigation work plan for a soil + tow investigation - Due in 30 days (9/25/98)
8/28/01	Per telecon w/ Barney Chan @ Alameda City - Claimant out of compliance - City will do a 90-day letter
11/16/01	City Ltr - Rec'd + reviewed the NOV 5, 2001 WKPL - WORK PLAN approved w/ conditions

Continued on Reverse

Confirmation of Corrective Action Compliance

Claimant in Corrective Action Compliance

Claimant NOT in Corrective Action Compliance - 90 Day Letter Required

Caseworker

Fund will send letter

Lead Agency will send letter (Send copy to Fund w/in two weeks)

Barney Chan
Lead Agency Signature

12-3-01
Date

SK
Claims Reviewer Signature

Date

8/23/01

Date of Detailed Review

DATE: 11/29/01
 TIME: 10:53
 LOCATION: 916 341 6805

COM No.	REMOTE STATION	START TIME	DURATION	AGES	PERCENT	REMARKS
668	916 341 6805	12-23 16:33	00:30	00:00	00:00	

11/29/01

10:53

UST CLEAN UP RUN REC - 112 337 1117

11/29/01

Underground Storage Tank Cleanup Fund
 Claim Review Checklist
 Page 3

Claim No: 15797	Company Name: MURKIN'S STORAGE
	Site Address: 1485 S. W. 10th Ave - Miami, FL 33135

Compliance Documentation

Date	Corrective Action Performed
7/22/97	Florida City approved work plan for soil cleanup
8/1/97	(1) 4,000 gal granular activated carbon (GAC) filter installed. Diesel USTs were removed from site. Soil sampling collection. 30 days of soil cleanup work contained up to 250 ppm TPH & 100 ppm PCBs.
8/25/98	Florida City City - 10 years of soil cleanup being done. Request letter for the work plan for a soil cleanup to be completed in 30 days (9/25/98)
8/28/01	on telephone with Florida City - request claimant into a city process - do a 90-day plan
11/16/01	City City - request letter to be reviewed by city. Work plan approved w/ conditions



RO 53

5007



Epigene International
Consulting Geologists

work done 1/26/02

NOV 29 2001

November 26, 2001

Mr. Henry Tran
Trucker's Friend, Inc.
1395 7th Street
Oakland, CA 94607

SUBJECT. Addendum to Workplan for Soil and Groundwater Investigation in Area of Former Waste Oil Tank Located at 1395 7th Street, Oakland, CA

Dear Mr. Tran,

At the request of Mr. Barney Chan of Alameda County, Dept. of Environmental Health, a workplan was prepared to assess whether or not there is existing soil and/or groundwater contamination in the area of a former waste oil tank on the subject site. A copy of the workplan was sent to Mr. Barney Chan. He reviewed the plan and documented his comments in a letter dated November 16, 2001. He generally approved of the plan with the exception of requesting additional analysis for one of the groundwater samples and field screening of the soil from the probe core of P-2 at intervals of 3 feet using a PID meter.

This letter is intended to serve as an addendum to the workplan. The groundwater sample from P-2 located on the east side of the former excavation will also be analyzed for halogenated volatile organic compounds, semi-volatile compounds and soluble lead. Field screening of the soil will be carried out as requested by Mr. Chan. Any soil sample that has a PID reading of total organic compounds that equals or exceeds the soil sample from P-2 at 7 1/2 feet or from the saturated zone will be collected for analysis.

The estimated costs for the proposed investigation are outlined in a separate document. A copy of the estimated costs will be sent to you under separate cover. A copy of the workplan, Mr. Chan's comments and the cost estimate will also be sent to the State Underground Storage Cleanup Fund for pre-approval.

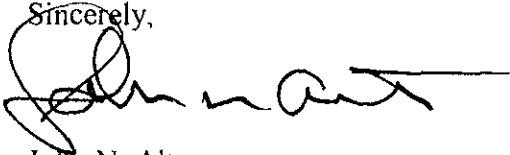
The schedule for completing the work is dependent on how long it takes for the state to review the various documents. It could take up to 30 days from the time the documents are received. Following approval, the work will be scheduled for the first Saturday available to the driller. As per your request, the field work will be carried out on a

37161 NILES BOULEVARD, SUITE B • FREMONT, CALIFORNIA 94536
(510) 791-1986

Saturday to minimize the disruption of site activities. A report documenting the results of the investigation and providing conclusions and recommendations will be prepared within 3 weeks of completing the field work. The Alameda County Department of Environmental Health will be informed of the schedule for the field work when it is known.

Should you have any questions regarding this addendum to the workplan, please call me

Sincerely,

A handwritten signature in black ink, appearing to read "John N. Alt". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John N. Alt,
CEG No 1136

Cc. Mr. Barney Chan, Alameda County



State Water Resources Control Board



Division of Clean Water Programs

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NOV 28 2001

DEC 04 2001

Trucker's Friends, Inc.
Hung "Henry" Tran
1395 7th St
Oakland, CA 94607

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), NOTICE OF ELIGIBILITY DETERMINATION: CLAIM NUMBER 015797; FOR SITE ADDRESS: 1395 7TH ST, OAKLAND

Your claim has been accepted for placement on the Priority List in Priority Class "B" with a deductible of \$5,000.

We have completed our initial review. The next step in the claim review process is to conduct a compliance review.

Compliance Review: Staff reviews, verifies, and processes claims based on the priority and rank within a priority class. After the Board adopts the Priority List, your claim will remain on the Priority List until your Priority Class and rank are reached. At that time, staff will conduct an extensive Compliance Review at the local regulatory agency or Regional Water Quality Control Board. During this Compliance Review, staff may request additional information needed to verify eligibility. Once the Compliance Review is completed, staff will determine if the claim is valid or must be rejected. If the claim is valid, a Letter of Commitment will be issued obligating funds toward the cleanup. If staff determine that you have not complied with regulations governing site cleanup, you have not supplied necessary information or documentation, or your claim application contains a material error, the claim will be rejected. In such event, you will be issued a Notice of Intended Removal from the Priority List, informed of the basis for the proposed removal of your claim, and provided an opportunity to correct the condition that is the basis for the proposed removal. Your claim will be barred from further participation in the Fund, if the claim application contains a material error resulting from fraud or intentional or negligent misrepresentation.

Record keeping: During your cleanup project you should keep complete and well organized records of all corrective action activity and payment transactions. If you are eventually issued a Letter of Commitment, you will be required to submit: (1) copies of detailed invoices for all corrective action activity performed (including subcontractor invoices), (2) copies of canceled checks used to pay for work shown on the invoices, (3) copies of technical documents (bids, narrative work description, reports), and (4) evidence that the claimant paid for the work performed (not paid by another party). These documents are necessary for reimbursement and failure to submit them could impact the amount of reimbursement made by the Fund. ***It is not necessary to submit these documents at this time; however, they will definitely be required prior to reimbursement.***

Compliance with Corrective Action Requirements: In order to be reimbursed for your eligible costs of cleanup incurred after December 2, 1991, you must have complied with corrective action requirements of Article 11, Chapter 16, Division 3, Title 23, California Code of Regulations. Article 11 categorized the corrective action process into **phases**. In addition, Article 11 requires the responsible party to submit an

investigative workplan/Corrective Action Plan (CAP) before performing any work. This phasing process and the workplan/CAP requirements were intended to:

1. help the responsible party undertake the necessary corrective action in a cost-effective, efficient and timely manner;
2. enable the regulatory agency to review and approve the proposed cost-effective corrective action alternative before any corrective action work was performed; and
3. ensure the Fund will only reimburse the most cost-effective corrective action alternative required by the regulatory agency to achieve the minimum cleanup necessary to protect human health, safety and the environment.

In some limited situations **interim cleanup** will be necessary to mitigate a demonstrated immediate hazard to public health, or the environment. Program regulations allow the responsible party to undertake interim remedial action after: (1) notifying the regulatory agency of the proposed action, and; (2) complying with any requirements that the regulatory agency may set. Interim remedial action should only be proposed when necessary to mitigate an immediate demonstrated hazard. **Implementing interim remedial action does not eliminate the requirement for a CAP and an evaluation of the most cost-effective corrective action alternative.**

Three bids and Cost Preapproval: Only corrective action costs required by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. You must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work. **If you do not obtain three bids or a waiver of the three bid requirement, reimbursement is not assured and costs may be rejected as ineligible.**

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Susan Hugo
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

- STID#
5007, RD 0000053



November 16, 2001
StID 5007/ RO0000053

Mr. Henry Tran
1395 7th St.
Oakland, CA 94607

**Re: Revised Workplan for Investigation of Former Waste Oil Tank, Trucker's
Friend, 1395 West 7th St., Oakland, CA 94607**

Dear Mr. Tran,

Our office has received and reviewed the November 5, 2001 referenced revised work plan prepared by Epigene International. As you are aware, the investigation of this site has been broken up into the investigation of the former waste oil tank and the investigation of the former fuel tanks. This work plan investigates the waste oil tank removal. The results of the prior over-excavation are used to refine the number, location and analyses of this investigation. Where prior soil samples indicated non-detectable or low concentrations of contaminants, analysis of these parameters is not recommended. In addition, Geo-probe borings are recommended as opposed to the prior hollow stem auger proposal.

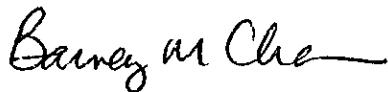
This work plan is approved with the following conditions:

- The depth of the borings must be determined by actual field results and must allow for the collection of a representative water sample from saturated zone.
- The south and west borings are proposed to collect only groundwater samples, however, if soil samples indicate significantly high screening levels by PID, the soil sample(s) will be analyzed.
- The north soil boring proposes to be analyzed for TPHd only in addition to taking a groundwater sample.
- The east boring proposes to be sampled at 7 1/2' along with a groundwater sample. Please screen the soil samples at 3' intervals and at the depth of the sample. Should the sample exhibit significantly high PID readings please run the sample for TPH as gasoline, as diesel and as motor oil, BTEX and MTBE. All groundwater samples should also be run for these parameters. In addition, the water sample from boring 2, the east sample, should also be run for halogenated volatile organic compounds, semi-volatile compounds and soluble lead.
- Please notify our office prior to performing this work so someone from this office can be present to observe, if possible.

Mr. Henry Tran
StID 5007/ RO0000053
1395 7th St., Oakland, CA 94607
November 16, 2001
Page 2

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. John Alt, Epigene International, 37161 Niles Blvd., Suite B, Fremont, CA 94536
Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

Wpap1395 7th St.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



August 29, 2001
StID 5007/ RO0000053

Mr. Henry Tran
1395 7th St.
Oakland CA 94607

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

**Re: Request for Technical Reports for Trucker's Friend, 1395 7th St., Oakland CA 94607
Fund Claim # 15797**

Dear Mr. Tran:

Please be informed that the undersigned is the new oversight case-worker for the underground tank investigation at the above site. Upon review of the case history, it appears that our office's last correspondence to you was an August 25, 1998 certified letter sent by Mr. Larry Seto. I have enclosed a copy of this letter for your reference. As you can see, this letter requested that you submit the following:

- results of the investigation of the former waste oil tank,
- any additional documentation for the disposal of stockpile soils from the underground tank removals and
- a work plan to further investigate the fuel release from the former gasoline and diesel tanks and piping removed in August 1997.

To date, our office has not received any of the requested information. Our office has been contacted by the State Water Resources Control Board (SWRCB) Clean-up Fund who are reviewing your application for reimbursement. They have recommended that you be given 90 days to comply with our office's request for reports, otherwise they will deny your application and you will lose your chance for reimbursement.

Please submit the requested technical reports within 90 days or no later than November 29, 2001. Please note the sooner you submit the requested information the sooner we can notify the Clean-up Fund of your compliance.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure (Mr. Tran only)

✓ C: B. Chan, files
Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

90dayletter1395 7th St



AGENCY
DAVID J. KEARS, Agency Director
Certification # P 143 589 384

August 25, 1998

Mr. Henry Tran
1395 7th Street
Oakland, CA 94607

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

• Print y

RE: Trucker's Friend, 1395 7th Street, Oakland, CA 94607

Your Workplan for Conducting Soil Borings dated May 26, 1997 in the vicinity of the former waste oil tank was approved by this office in a letter dated July 22, 1997. Your file does not have any documents indicating that this work has been performed. **Please submit to this office within 10 days of the receipt of this letter a copy of the final report for this investigation. In addition, if you have any documentation in regards to the disposal of the stockpile soil besides manifest number 96387703 dated 3/11/97, please submit it to this office.**

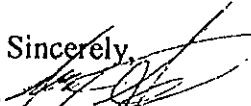
On August 28th & 29th, 1997, a 4,000 gallon unleaded gas, 8,000 gallon diesel and a 9,000 gallon diesel underground tanks were removed from the site. Hydrocarbon contamination was indicated by discolored soil as well as sheen and localized floating product that was apparent on top of groundwater seeping into the tank excavation. Soil samples collected in the area of the gas dispenser contained up to 2,500 ppm TPH(gas) and 20,000 ppm TPH(diesel).

A "grabwater" sample W-1 collected from the tank excavation contained 180 ppb TPH(gas), 280 ppb TPH(diesel), 3.1 ppb benzene and 7.0 ppb MTBE.

Please submit a workplan for a Soil and Groundwater Investigation to delineate the lateral and vertical extent of contamination caused by these three underground tanks, and their associated piping. This workplan should be submitted within 30 days of the receipt of this letter.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: James Brinker, Bernabe & Brinker, 2240 Wood Street, Oakland, CA 94606
Leroy Griffin, Oakland Fire
Pam Evans, Environmental Health
Files

ENVIRONMENTAL PROTECTION

33



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Gray Davis
Governor

September 25, 2000

Hung "Henry" Tran
Trucker's Friends, Inc.
1395 7th St
Oakland, CA 94607

HO 0053
SHA
SDA
ES
B.C

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, REQUEST FOR FURTHER DOCUMENTATION DURING INITIAL REVIEW: CLAIM NUMBER 015797; FOR SITE ADDRESS: 1395 7TH ST, OAKLAND

After reviewing your claim application to the Cleanup Fund, we find that the following additional information is needed to determine your eligibility for placement on the Priority List:

Complete the Site History information on page three of the claim application.

Provide the removal permit, and upgrade certificate.

Claimant did not provide information on the removal of the waste oil UST. Please provide.

Claimant must submit the first directive from Alameda County Health Care Services, Environmental Health Services.

NOTE: Failure to respond to this request within thirty (30) calendar days from the date of this letter may result in an ineligibility determination of your claim.

If you have any questions, please contact me at (916) 227-4366.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Certification # P 143 589 384

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

August 25, 1998

Mr. Henry Tran
1395 7th Street
Oakland, CA 94607

RE: Trucker's Friend, 1395 7th Street, Oakland, CA 94607

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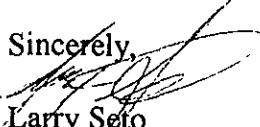
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If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto

Sr. Hazardous Materials Specialist

Cc: James Brinker, Bernabe & Brinker, 2240 Wood Street, Oakland, CA 94606
Leroy Griffin, Oakland Fire
Pam Evans, Environmental Health
Files

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: L. Seto #5007

Mr. Henry Tran
1395 - 7th Street
Oakland CA 94607

1395-7th St
Oak

4a. Article Number
P 143 589 384

4b. Service Type

Registered Certified

Express Mail Insured

Return Receipt for Merchandise COD

7. Date of Delivery
2/29/95

5. Received By: (Print Name)
[Signature]

6. Signature: (Addressee or Agent)
X *[Signature]*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

#5007
L. Seto P 143 589 384

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to Mr. Henry Tran

Street & Number
1395 7th Street

Post Office, State, & ZIP Code
Oakland CA 94607

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom, Date, & Addressee's Address

TOTAL Postage & Fees \$

Postmark or Date

PS Form 3800, April 1995

OAKLAND FIRE SERVICES AGENCY/OFFICE OF EMERGENCY SERVICES

HAZARDOUS MATERIALS UNIT

505 - 14th Street, Oakland, CA 94612 (510) 238-3938

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	1520 7 th ST.	1520 7 th ST (Corner of Chester)	94607

Inspection Report

Complaint Insp. - Responded to a dispatch call

5:00 p.m. I arrived at 1395 7th ST. gas station - I met w/ officer Mike from ST. 3 + Ernesto Bernabe contractor w/ Bernabe + Brinker Inc.

According to him situation involved the removal of soil from this site¹³⁹⁵ (where 3 tanks are scheduled to be removed tomorrow) + the storing of it at 1520 pending analyses results - Neighbors complaint of strong smell of gasoline + they were worried about their health -

I talk w/ a couple of neighbors across the St. + explain the situation + the procedures to follow before the soil is completely taken away -

Contractor agreed to collaborate + covered soil w/ plastic tarp fence was repaired in one corner where it was broken - Signs w/ KEEP OUT will be posted all around the prop. - Soil is situated to stay on site at least 2 wks. pending on analyses results -

Facility Contact/ Print Name:	ERWIG BERABE	Inspected By:	<input type="checkbox"/> Insp. Griffin	238-7759
Facility Contact/ Signature:		<input type="checkbox"/> Insp. Johnson	238-3804	
<i>Erwig Bernabe</i>		HEG	<input type="checkbox"/> Insp. Craford	238-7758
			<input checked="" type="checkbox"/> Insp. Gomez	238-7253
		Date:	8-28-97	

OAKLAND FIRE SERVICES AGENCY/OFFICE OF EMERGENCY SERVICES
 HAZARDOUS MATERIALS UNIT
 505 - 14th Street, Oakland, CA 94612 (510) 238-3938

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	1395 + 1520		

Inspection Report

Mark Kearney 633-0789 - Sampler

Samples taken from pile on Tu. 2nd
 Only samples taken before Tu were from hole
 on 1395 -

Fax results to me no later than Mon
 I also the name of the tank vendor -
 Fax # 238-7761 Attn. to me

Facility Contact/ Print Name:

E. BERNABE

Facility Contact/ Signature:

[Handwritten Signature]

Inspected By:

- Insp. Griffin 238-7759
- Insp. Johnson 238-3804
- Insp. Craford 238-7758
- Insp. Gomez 238-7253

HEP

Date: 9-5-97

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

July 22, 1997
STID 5007
page 1 of 2

Mr. Hung Tran
Trucker's Friend Inc.
1395-7th St.
Oakland CA 94607

RE: Trucker's Friend Inc., 1395-7th St., Oakland CA 94607

Dear Mr. Tran,

Since my last letter to you, dated March 18 1997, the following documents have been submitted to this office:

- 1) letter from James Brinker, dated 3/31/97, regarding disposal of contaminated soil;
- 2) your letter dated 3/19/97, regarding tank upgrading (referred to Ariu Levi of this office);
- 3) "Tank Closure Report," prepared by Mark Varney, submitted by Bernabe & Brinker Inc., dated 4/5/97;
- 4) "Workplan for Conducting Soil Borings," prepared by Mark Varney, submitted by Bernabe & Brinker Inc., stamped by Fred Moss, Civil Engineer, dated 5/26/97; and
- 5) fax from Mark Varney, dated 7/21/97 (additional information for the 5/26/97 workplan).

The 5/26/97 workplan (and the 7/21/97 fax) are approved with the following understandings, as per a telecon with Mark Varney on 7/18/97:

- a) Soil will be sampled from 7.5' bgs (for TPHg, TPHd, BTEX, and TRPH, plus SVOCs via Method 8270) in the boring closest to the former overexcavation sample SA-4. This depth will correspond to the SA-4 sample depth (7.5'bgs). If this sample is not in the capillary fringe, another soil sample will be collected and analyzed in the capillary fringe for the same constituents, including SVOCs.
- b) The other 3 borings will be sampled every 5'bgs and in the capillary fringe, and checked for volatiles via headspace readings. The sample in each boring with the highest volatile reading will be submitted for analysis.

July 22, 1997
STID 5007
page 2 of 2
Mr. Hung Tran

c) An additional boring should be drilled in the center of the former waste oil UST excavation. Two samples should be collected (every 5' bgs) and both samples should be submitted for analysis (TPHg, TPHd, BTEX, and TRPH). This will hopefully confirm whether the missing amount of previously stockpiled soil (approximately 42 yd³) was placed back into the excavation. In the absence of disposal documentation, this is a possibility.

PLEASE NOTIFY ME AT 510-567-6761 AT LEAST 3 BUSINESS DAYS IN ADVANCE OF FIELD WORK.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335. Please submit a cover letter with your consultant's reports,

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Mark Varney, 466 Lewis Ave., San Leandro CA 94577
Jim Brinker, 2240 Wood St., Oakland CA 94608
Leroy Griffin, City of Oakland, Fire Dept, Office of Emergency Services, 505-14th St.,
Suite 702, Oakland CA 94612
Pam Evans, Alameda County
Jennifer Eberle/file

je.5007-C

FAX TRANSMITTAL

To: JENNIFER EBERLE / ACNCSA

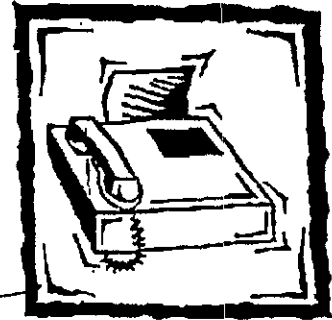
Fax #: (510) 337-9335

Sender: MARK VARNEY FOR BERNABEZ REINKER

Sender's Tel. #: (510) 633-0789 (HM)

Date: 7/21/97

Total # of Pages: 5



Message:

JENNIFER,
HERE'S THE STUFF YOU REQUESTED. LET ME
KNOW IF YOU HAVE ANY OTHER QUESTIONS.

- 1.) BORING LOCATIONS IN RELATION TO SA-4
- 2.) TABLE 3 FROM TANK CLOSURE (FINALLY!)
- 3.) SIGNATURE PAGE FROM BORING WORK PLAN
(DON'T KNOW HOW I MISSED THAT - ASLEEP??)
- 4.) FRED MOSS' RESUME

THANKS! TALK TO YOU SOON



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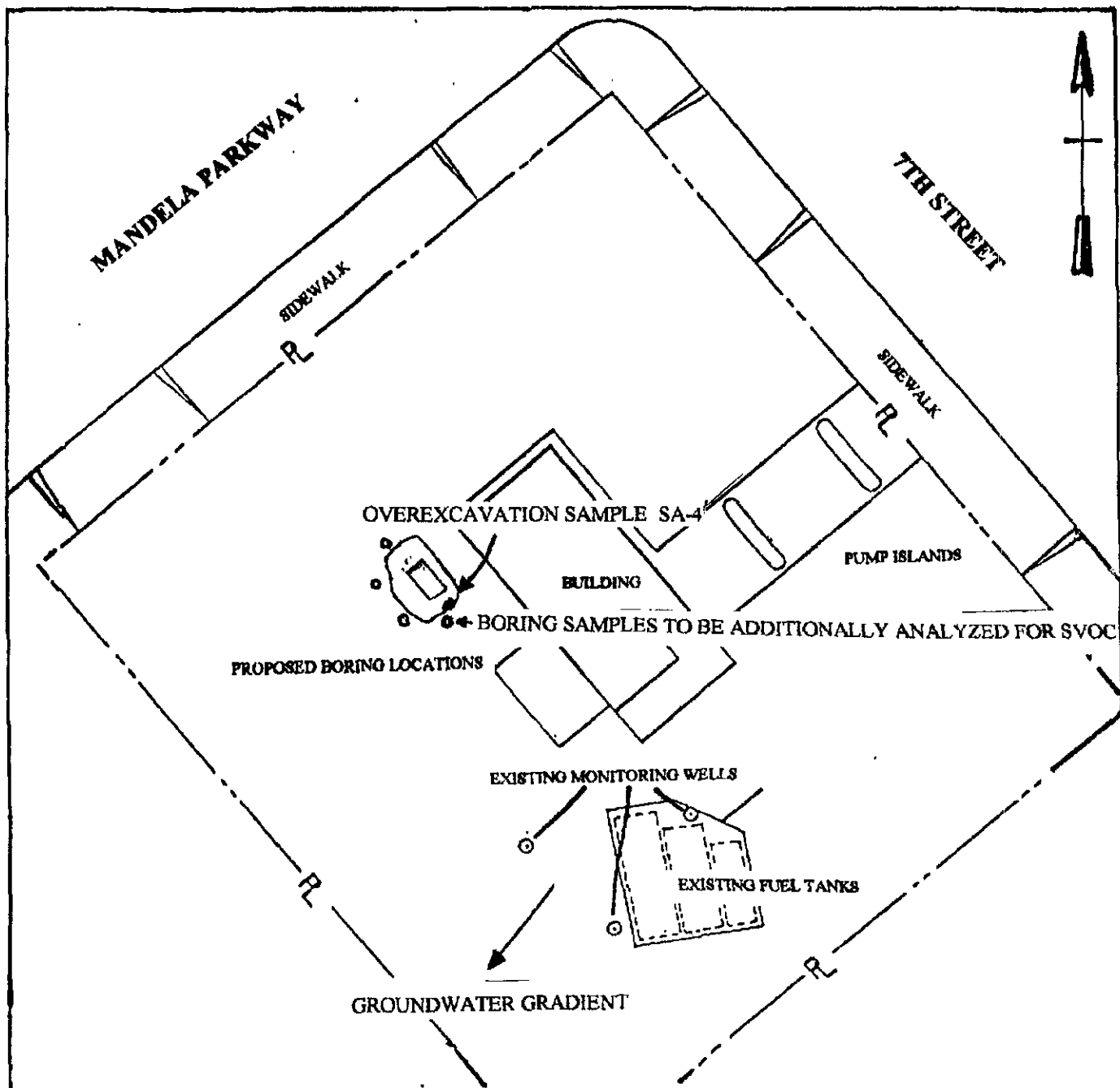
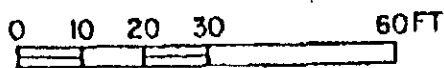


FIGURE 2.

PROPOSED SOIL BORING LOCATIONS

1395 7TH STREET, OAKLAND



BERNABE & BRINKER, INC.

SP

pl
STC

11

Sample	Date	Cadmium	Chromium	Lead	Nickel	Zinc
S-1	8/19/96 ✓	ND ✓	26 ✓	40 ✓	17 ✓	14 ✓
S-2	8/19/96 ✓	ND ✓	27 ✓	210 ✓	24 ✓	490 ✓
S-1,2,3,4 [1]	8/19/96 ✓	ND ✓	27 ✓	190 ✓	20 ✓	290 ✓
RL [2]	-----	0.5	0.5	3.0	2.0	1.0

TABLE 3. RESULTS OF 8/19/96 SOIL SAMPLE ANALYSIS (ppm) FOR METALS FOR 1395 7TH STREET, OAKLAND

[1] COMPOSITE STOCKPILE SAMPLE

[2] REPORTING LIMIT

PROFESSIONAL RESUME

Frederick G. Moss, P.E.

Address: ~~613 Lane Street, Fremont, CA 94607~~ **549 E. 21st., Oakland, CA 94606**
 Telephone: ~~(916) 347-7108~~ **(510) 839-7477**

Areas of Expertise: Environmental Engineering
 Civil Engineering
 Water Resources Engineering
 Construction Management

Registrations: Civil Engineer - California #35162 ✓
 Civil Engineer - Oregon #16368
 Civil Engineer - Wyoming # 5080
 Environmental Engineer - Oregon #16368

Education: M.S. Civil Engineering - San Jose State - 1981
 B.S. Geology - Univ. of Waterloo - 1975

Citizenship: Canadian

Publications: "Evaluation of Soil Vapor Extraction and Treatment Technologies"
 in Proceedings of the 1988 NWWA - Eastern Regional Conference

Work Experience: Civil Engineer - MOSS ENGINEERING (1994 - Present)

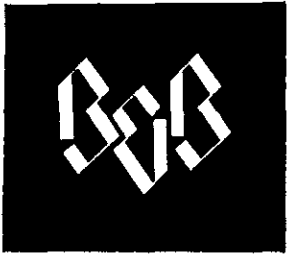
- Prepared site assessments, workplans and reports for UST sites
- Installed monitoring wells and soil borings
- Developed and collected water samples from monitoring wells
- Surveyed site facilities and elevations
- Collected soil samples during UST removal operations

Civil Engineer - DAMES & MOORE (1992 - 1994)

- Prepared site assessments, workplans and reports for UST sites
- Completed designs & cost estimates for landfill closures
- Managed the implementation of stormwater erosion protection measures
- Designed remedial systems for sites with contaminated soil and groundwater
- Conducted pumping tests for well yields and aquifer modelling

Senior Engineer - HYDRO-ENVIRONMENTAL TECHNOLOGIES (1991 - 1992)

- Prepared site assessments, workplans and reports for UST sites
- Prepared environmental permits for installation of remedial equipment
- Prepared bid documents and selected contractors for site construction work
- Designed remedial systems for sites with contaminated soil and groundwater
- Conducted pumping tests for well yields and aquifer modelling



BERNABE AND BRINKER INC.

General Engineering Contractor • Hazardous Substances Removal • License #610617

2240 Wood Street
Oakland, California 94607

TEL: 510 • 451 • 3482
FAX: 510 • 836 • 2635

March 31, 1997


Ms. Jennifer Eberle
Alameda County
Health Care Services
Environmental Protection (LOP)
1131 Harbor Bay, Parkway, Suite 250
Alameda, CA 94502-6577

Dear Ms. Eberle,

This is in connection with your letter dated March 18, 1997 regarding the disposal of excavated soil of Trucker's Friend Inc., located at 1398-7th St., Oakland, CA 94607.

Our company does not know of any dirt disposed at this site except the dirt we removed under E.P.A. Manifest No. 96387703 dated 01-30-97.

Sincerely,


James E. Brinker

3-20
gave to
Pam → Ann

OAKland MARCH 19-97

Dear M^{rs} EBERLE

Would you help me; I would like
to ask you 2 questions:

1) Somebody told me, the
law said "put the new tanks &
new pipes out ^{year} 2005? and somebody
said ~~Dec.~~ Dec. 1998? I don't
know. I'm confusing."

I suppose to be, I call S.W.
Tank Lines, go to check my
tanks and I put new pipes
and you permit me to do
that.

Respect fully yours,

my phone (510) 465-6569.

H. Jantzen

CG 3203 34

GLASS ARMOR

10 Year Guarantee

The Bridgeport Chemical Corporation's Franchised Applicator identified below, guarantees that the steel storage tank described on the reverse hereof, has been provided by this Franchised Applicator with a Glass Armor coating, in full accordance with the specifications set by Bridgeport Chemical Corporation as summarized in the check list set forth below, and in effect at the time this service is being performed.

Provided the protected tank is hereafter during the terms of this guarantee continuously used to contain petroleum fuels, it is guaranteed by the Franchised Applicator against leakage due to internal corrosion for a period of ten years.

Should this tank suffer leakage due to internal corrosion during the period of this guarantee, the liability of the Franchised Applicator shall be limited to repair of repairable leakage, and not include replacement, refund, or recourse to Bridgeport Chemical Corporation, or compensation for loss of business, injury to persons or property, depreciation, loss of tank contents or damage resulting from leakage, or from attempts to protect with Glass Armor coating a tank that is beyond repair. The applicator's liability can in no way be construed to be greater than the original cost of the tank lining.

NOTE LAST PARAGRAPH ON REVERSE SIDE

CERTIFICATE

The undersigned Franchised Applicator further certifies that it has observed the following requirements set by Bridgeport Chemical Corporation for the provision of Glass Armor protection to this tank.

- A. The interior surface of the tank which the customer wants protected has been made accessible and sand blasted to "white metal".
- B. Glass Armor coating has been applied to this surface to an average thickness of 125-150 mils.
- C. The Glass Armor coating has been properly heat cured.
- D. The Franchised Applicator has conducted a final inspection and has determined that the Glass Armor coating is continuous, sufficiently thick and cured to a proper hardness.
- E. All permits required have been obtained.

Effective Date September 25, 1985

Authorized Signature of Franchised Applicator

J. J. Sessions
Address: Southwest Tank Liners

664 W. Main Rd., El Centro, California

AUTHENTICATION

As of the effective date set forth above, the above named is a Franchised Applicator of Glass Armor coatings. Glass Armor is a registered trademark of Bridgeport Chemical Corporation.

BRIDGEPORT CHEMICAL CORPORATION

J. J. Sessions

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
421	2387761	04-08 17:08	00' 59	02/02	OK		

7499402046



BERNABE AND BRINKER INC.

General Engineering Contractor • Hazardous Substances Removal • License #610617

2240 Wood Street
 Oakland, California 94607

TEL: 510 • 451 • 3482
 FAX: 510 • 836 • 2635

March 31, 1997

Ms. Jennifer Eberle
 Alameda County
 Health Care Services
 Environmental Protection (LOP)
 1131 Harbor Bay, Parkway, Suite 250
 Alameda, CA 94502-6577

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Our company does not know of any dirt disposed at this site except the dirt we removed under E.P.A. Manifest No. 96387703 dated 01-30-97.

Sincerely,

James E. Brinker
 James E. Brinker

4-8-97

Post-It™ brand fax transmittal memo 7671	# of pages ▶ 2
To: Tracy Gilson	From: J. Sharlo

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

March 18 1997
STID 5007

Attn: James Brinker
Bernabe & Brinker
1281-30th St.
Oakland CA 94608

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

RE: Disposal of Excavated Soil, Trucker's Friend Inc., 1395-7th St., Oakland CA 94607

Dear Mr. Brinker,

This office is in receipt of a Hazardous Waste Manifest for the disposal of 18 cubic yards of "soil contaminated with lead" from the above referenced site. The manifest number is 96387703. This manifest was submitted under cover letter from Mr. Hung Tran, the UST operator/owner, dated 3/11/97. As per my inspection report dated 8/27/96, the total volume of soil excavated and stockpiled on this site was approximately 60 cubic yards. **Therefore, there are approximately 42 cubic yards of soil that have not been accounted for. Please respond in writing regarding the remainder of soil stockpile, by the deadline specified in my previous request (3/3/97 letter) to Mr. Tran, which is April 16, 1997.** I have attached a copy of my 8/27/96 inspection report for your information.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Mr. Leroy Griffin, City of Oakland, Fire Dept., Office of Emergency Services, 505-14th St., Suite 702, Oakland CA 94612 (with attachment)
Mr. Hung Tran, Trucker's Friend Inc., 1395-7th St., Oakland CA 94607 (with attachment)
John Alt, Epigene International, 38750 Paseo Padre Pky, Suite A-11, Fremont CA 94536
J. Eberle/LOP file

je.5007-B

attachment

Dear M^{rs} EBERLE,

I would like to tell you, to always obey
the laws, follow and listen to you.

I want to keep my job and keep the
jobs for my all employees too. So
I do my best in the past, this time
and in the future.

Mr Brinker came to see me,
he said he talked to John, and
I called John. John said, he
will report to you.

Brinker told me, he will
do the rest.

Respectfully yours,
Ernie Jankau

3/11/27

TRUCKER'S FRIENDS, INC.
1395 SEVENTH STREET
OAKLAND, CA 94607
(510) 465-6569



ALAMEDA County CC4580
ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR Bay PKWY #250
ALAMEDA CA. 94502-6577

ATTN = (MS. JENNIFER EBERLE)

Laidlaw
ENVIRONMENTAL
SERVICES

January 31, 1997

JIM BRINKER
TRUCKER'S FRIENDS, INC.
1395 W. 7TH ST.
OAKLAND, CA 94607

ENVIRONMENTAL
PROTECTION
97 MAR 13 PM 2:41

RE: SOIL CONTAMINATED WITH LEAD AND OIL
FROM OAKLAND

Dear Sir:

This letter is to inform you that Laidlaw Environmental Services (Lokern, Imperial Valley), Inc. has the appropriate permits for and will accept the waste identified above. Should any significant changes occur in this specific waste stream from the time the test data and/or predisposal samples were shipped, please contact Marianna Buoni or me prior to shipping.

We have assigned the following Waste Approval Number to this waste:

16890-BDC-0197

Unless otherwise notified, this number will expire one year from the date indicated above.

This number must be written on the manifest accompanying each load of waste. You have profiled this waste stream as California Hazardous. Place the Waste Approval Number in Section 15 of the California Hazardous Waste Manifest.

Sincerely,



Eric Alberg
Treatment Manager

LIDLAW ENVIRONMENTAL SERVICES

SCHEDULING GUIDELINES

Please call and schedule all deliveries at least 24 hours in advance. Scheduling your deliveries will allow Laidlaw to provide your company with more efficient service.

WORK ORDER NUMBERS

When you call to schedule your deliveries, a WORK ORDER NUMBER will be assigned to each scheduled load. This work order number must be written in section 15 on the hazardous manifest. If non-hazardous, the work order number must be written in the upper right corner of the non-hazardous shipping document.

Along with the work order number, you must also write the LAIDLAW WASTE APPROVAL NUMBER on the hazardous manifest or non-hazardous shipping document. Omission of the work order number or waste approval number may result in delays in off-loading your waste.

The work order number is assigned for a specific delivery time. Please make every effort to adhere to this schedule. Trucks that do not arrive at their scheduled time may be scheduled time may be subject to delays.

THE FOLLOWING INFORMATION WILL BE NECESSARY WHEN YOU CALL TO SCHEDULE. PLEASE HAVE IT AVAILABLE WHEN YOU CALL.

- * Generator Name
- * Laidlaw Waste Approval Number
- * Material Classification (i.e., RCRA, CA Haz, Non-Haz)
- * Preferred Date and Time for Delivery
- * Number of Loads To Be Scheduled
- * Method of Shipment (i.e., Drums, Bulk, etc.)

WHERE TO CALL

Your waste is approved for disposal at one or both of the following facilities. If you are unsure, please contact your Laidlaw Sales or Customer Service Representative to determine the proper facility. Please ask for the Scheduling Coordinator.

LAIDLAW ENVIRONMENTAL SERVICES

(Lokern), INC.
2500 West Lokern Road
Buttonwillow, CA 93206
(7 miles West of Buttonwillow)
(800) 544-7199

Facility Operating Hours:

Monday-Friday 9am-5pm
Closed Saturdays & Sundays

LAIDLAW ENVIRONMENTAL SERVICES

(Imperial Valley), Inc.
5295 South Garvey Road
Westmorland, CA 92281
(6 miles North of Westmorland)
(619) 344-9400

Facility Operating Hours:

Monday-Friday 7:30am-3:30pm
Closed Saturdays & Sundays

At the Lokern facility, ASBESTOS will be accepted from 9-11 am only.

96387703
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA C 0 0 1 2 9 9 0 4 0 8 7 7 0 3		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law									
3. Generator's Name and Mailing Address Trucker's Friends 1 95 7th Street Oakland, CA 94607 4. Generator's Phone (510) 465-656						A. State Manifest Document Number 96387703											
5. Transporter 1 Company Name Billard Trucking, Inc.						B. State Generator's ID CA C 0 0 1 2 9 9 0 4 0 8											
6. US EPA ID Number C A D 9 8 1 6 9 2 8 0 9						C. State Transporter's ID											
7. Transporter 2 Company Name						D. Transporter's Phone (510) 634-6850											
8. US EPA ID Number						E. State Transporter's ID											
9. Designated Facility Name and Site Address Baldlaw Environmental 2500 Loken Road Buttonwillow, CA 93206						F. Transporter's Phone											
10. US EPA ID Number C A D 9 8 0 6 7 5 2 7 6						G. State Facility's ID CA A 9 8 0 6 7 5 2 7 6											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number					
a. (Soil contaminated with lead) non RCRA Hazardous Waste Solid						No. Type		Quantity		Wt/Vol		State					
						0 0 1 D T 0 0 0 1 8 Y						EPA/Other non RCRA State					
b.												State EPA/Other					
c.												State EPA/Other					
d.												State EPA/Other					
J. Additional Descriptions for Materials Listed Above 11A) Profile# Z16890 ERG# 171 9701659						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.											
15. Special Handling Instructions and Additional Information Wear P.P.E. (i.e., rubber gloves, rubber boots, protective clothing, respirator, goggles, etc.) "LOAD AS SAMPLE"						24-Hour Emergency Telephone#: (510) 634-6850 JOB# 602-1											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name E. Inker				Signature E. Inker FOR HUNG TRAN				Month Day Year 01/30/97									
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name EDWARD A ROUSE				Signature Edward A Rouse				Month Day Year 01/30/97									
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year									
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Edward A Rouse										Signature Edward A Rouse				Month Day Year 01/31/97			

DO NOT WRITE BELOW THIS LINE.

Yellow TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

96387703

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC00129704087703		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Trucker's Friends 150 7th Street Oakland, CA 94607				4. Generator's Phone (510) 465-6850		A. State Manifest Document Number 96387703					
5. Transporter 1 Company Name Billers Truckin, Inc.				6. US EPA ID Number CA D 7 5 1 6 9 7 2 0 9		B. State Generator's ID CAC001299040					
7. Transporter 2 Company Name				8. US EPA ID Number		C. State Transporter's ID					
9. Designated Facility Name and Site Address Madlaw Environmental 2500 Lakeview Road Fenton/Willow, CA 95706				10. US EPA ID Number CA 1 9 4 0 0 7 5 2 7 0		D. Transporter's Phone (510) 634-6850					
						E. State Transporter's ID					
						F. Transporter's Phone					
						G. State Facility's ID					
						H. Facility's Phone (805) 762-7372					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number			
a. (Soil contaminated with lead) non RCRA Hazardous Waste Solid		No. Type		Quantity		Wt/Vol		State 352 EPA/Other non RCRA State			
b.								EPA/Other State			
c.								EPA/Other State			
d.								EPA/Other State			
J. Additional Descriptions for Materials Listed Above 11A) Profile# Z16890				ERG# 171		K. Handling Codes for Wastes Listed Above					
						a. b. c. d.					
15. Special Handling Instructions and Additional Information Wear P.P.E. (i.e., rubber gloves, rubber boots, protective clothing, respirator, goggles, etc.) "LOAD IN SAMPLE"				24-Hour Emergency Telephone#: (510) 634-6850 JOB# 621							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name				Signature		Month		Day		Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Month		Day		Year	
Printed/Typed Name				Signature		Month		Day		Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month		Day		Year	
Printed/Typed Name				Signature		Month		Day		Year	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name				Signature		Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

Yellow GENERATOR RETAINS

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



March 3, 1997
STID 5007
page 1 of 2

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

Mr. Hung Tran
Trucker's Friend Inc.
1395-7th St.
Oakland CA 94607

RE: Waste Oil Underground Storage Tank (UST), Trucker's Friend Inc., 1395-7th St.,
Oakland CA 94607

Dear Mr. Tran,

As per our telephone conversation today, this office is allowing a 90-day extension on the items requested in my last letter (12/16/96). This extension is being given due to the difficulties you have encountered with your contractor, Jim Brinker. As per today's conversation, you indicated that you paid Mr. Brinker in full, and showed him my 12/16/96 letter, and he indicated he would "take care of everything." **To date, none of the items requested in that letter have been submitted.**

I contacted Mr. Phil Briggs of Chevron, and he has supplied our office with documents pertaining to your site. These documents date back to 1985, and have been copied and included for your files. Please keep them in a safe place, because any future consultants you employ will want to review these documents. I have doubled-sided them to save paper. They include: 2/10/97 letter from Chevron, 4/85 tank tightness test reports, 10/8/85 cover letter from Chevron to the Regional Board with the 9/10/85 "Monitoring Well Installation Report," prepared by Groundwater Technology Inc., 9/24/85 "Preliminary Site Assessment," prepared by Groundwater Technology Inc., 9/25/85 Glass Armor guarantee certificate, and 10/85 tank tightness test report.

These documents indicate that the well closest to the former waste oil UST is approximately 60 feet to the southeast (well #3). Unfortunately, this well would be too far away to be representative of groundwater conditions from the waste oil UST. **Therefore, you are still required to submit a workplan for a Soil and Water Investigation (SWI). The new deadline adds 90 days to February 16, 1997, and is May 16, 1997.**

As requested in the last letter, Tank Closure Report is still due; the new deadline adds 90 days to January 16, 1997, and is April 16, 1997.

In addition, legible disposal documentation must be submitted for the stockpiled soil by April 16, 1997. As stated above, it is my understanding that Mr. Brinker disposed of this soil. Please note that this office has not received any disposal documentation.

March 3, 1997
STID 5007
page 2 of 2
Mr. Hung Tran

There are state funds available for remediation of UST sites. These funds reimburse responsible parties, such as yourselves, for the costs associated with remediation. I have enclosed a brochure outlining this program. Included are phone numbers for people at the State to help you with this process.

Please note that the UST CleanUp Fund specifies bidding requirements and deductibles. **Please direct questions re the Fund to Christopher Stevens (916-227-4519) or Jim Munch (916-227-4430) of the State Water Resources Control Board, UST CleanUp Fund.**

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335. Please submit a cover letter with your consultant's reports.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: John Alt, Epigene International, 38750 Paseo Padre Pky, Suite A-11, Fremont CA 94536
Jim Brinker, 1281-30th St., Oakland CA 94608
Jennifer Eberle/file

je.5007-A

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

December 16, 1996
STID 5007
page 1 of 2

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

Mr. Hung Tran
Trucker's Friend Inc.
1395-7th St.
Oakland CA 94607

RE: Waste Oil Underground Storage Tank (UST), Trucker's Friend Inc., 1395-7th St.,
Oakland CA 94607

Dear Mr. Tran,

As you know, a 520-gallon waste oil UST was removed from behind your building on 8/19/96. One soil sample was collected from the below the UST at approximately 8.5' below ground surface (bgs), after removing soil that appeared to be contaminated. Another soil sample was collected from the south wall at approximately 5' bgs. Results indicated maximum concentrations of 57 mg/kg Total Petroleum Hydrocarbons as gasoline (TPH-g), 800 mg/kg TPH-diesel, 6,700 mg/kg Total Recoverable Petroleum Hydrocarbons (TRPH), and 210 mg/kg total lead, while benzene and MTBE were non-detect (ND).

The excavation was further dug out on 8/27/96. Four confirmation soil samples were collected from each sidewall. In addition, a groundwater sample was collected, and a soil sample of the stockpiled material. Results from the sidewalls indicated maximum concentrations of 180 mg/kg TPHg, 2,400 mg/kg TPHd, 3,200 mg/kg Oil and Grease, and 7.7 mg/kg total lead, while benzene was ND. The type of soil in the excavation was fine sand with silt. Stockpiled soil results indicated lesser concentrations of hydrocarbons, and 61 mg/kg total lead. Groundwater results indicated 65 ug/L TPHg, 3,700 ug/L TPHd, and 37 mg/L, while BTEX was ND.

These results indicate that elevated concentrations of contaminants were found near the former waste oil UST. You are requested to perform a Soil and Water Investigation (SWI), as per Sect. 2724 of Chapter 16, Division 3, Title 23, California Code of Regulations. Rapid site assessment methods (i.e. geoprobe, hydropunch, etc.) are suggested to qualitatively assess impacts and to define the extent of any groundwater contaminant plume, as a first step of the SWI.

Please submit a workplan for a SWI within 60 days, or by February 16, 1997. All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

December 16, 1996
STID 5007
page 2 of 2
Mr. Hung Tran

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports.

I understand that your site may already have existing monitoring wells. If that is the case, it is possible that these existing wells may provide enough information, so that an additional SWI is not warranted. Please submit any and all documentation you have concerning these wells **within 30 days, or by January 16, 1997**. Of particular importance would be the monitoring well installation report, as well as any subsequent sampling reports. If you do not have these documents, it may be advantageous to your situation if you would contact any previous property owner(s) for such information. I understand that this site was previously operated and/or owned by Chevron. My Chevron contact is Phil Briggs at 510-842-9136.

In addition, the Tank Closure Report was due within 60 days of the tank removal, or by 10/19/96. It is therefore overdue. **Please submit the Tank Closure Report within 30 days, or by January 16, 1997**. I understand that it has been delayed because the consultant was waiting to get the stockpiled soil removed. It is not necessary to wait for the stockpile removal. I also understand that the STLC lead was too high for the Altamont landfill. The lead concentration will not simply attenuate over time, as petroleum hydrocarbons often do. **The stockpiled soil must be properly disposed, and legible documentation must be submitted.** The documentation must indicate the amount of soil, the generator's name and address, the transporter, and the disposal facility's name and address. If it is considered hazardous waste, it must be disposed under Hazardous Waste Manifest. You are responsible for the proper disposal of this stockpiled soil, since you are considered the "generator."

Feel free to submit reports on double-sided paper in order to save our trees. If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335. Please submit a cover letter with your consultant's reports.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: John Alt, Epigene International, 38750 Paseo Padre Pky, Suite A-11, Fremont CA 94536
Jennifer Eberle/file

je.5007

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 Trucker's Friend Today's Date 8/27/96
 Site Address 1395 -7th St.
 City Oakland Zip 94607 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

overex
+
resample

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

Comments: 10:00 arrived - Pit has been overex'd to ~10' bgs + ^{12'x15'} ~~8'x8'~~ width x length
 GW is entering pit at ~10' bgs. 10:35 Sampled SA1, SA2, SA3, then cont excavating wall of SA3 side bec SA3 has strong odor (gasoline or solvent?). 11:25 Collected SA3 + SA4. (Discarded original SA3). Analyze for TPHg, TPHd, BTBX, O+G (5520 E+P) + 5 metals. If O+G is ≥ 100 mg/kg, analyze 8010 (HVOCS) + 8270 (semi VCS). Another ~35 yd³ soil generated today (stockpiled). Cont removing slough soil fm bottom of pit - til 11:55. Vol. of pit is ~65 yd³; Total vol. stockpiled soil is ~60 yd³.
 12:00-12:15 Sampled SP in a 4-pt. composite - 12:30 Took pit water sample. Analyze for same constituents as soil samples. Pit will be filled w/clay pea gravel today.

John estimated

	Hg odor?	soil	Bldg
SA1 ~7.5' wall,	no	fine sand w/silt	
SA2 ~7' "	yes	"	
SA3 ~7.5' "	yes slight	"	SA1 x SA4 x
SA4 ~7.5' "	? bog	"	SA3 x

Contact John Alt - Epigene
 Title O&G #1138
 Signature John Alt

Inspector Jennifer Eberle
 Signature Jennifer Eberle

II, III

left site 12:42

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 Trucker's Friend Today's Date 8/19/96

Site Address 1395-7th St.

City Oakland Zip 94607 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 of 520-gal waste oil UST.

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

Comments: 10:00 arrived. Met Henry Tran. He said they removed contents of waste oil UST ~6 yrs ago, when he bought the property.

10:12 Brit Johnson of OFD arrived. UST installed 1965 + is 520 gal. 10:23 Removal of tank: sq wall steel, some rust, one sizable hole on bottom where sludge is leaking out of, + other holes on top + side. The remote fill inside is already grouted. The sludge was put in 2 5-gal buckets. There is more sludge in base of tank pit. 11:00 UST is loaded onto Dexanna truck, + wrapped in plastic. Manifest # 95269983 ✓

~~Four~~ Stockpile samples taken. Mike (sampler) said there was apparent waste oil in 1 of those soil samples. Tank invert at 6 1/2' bgs. 11:25 Put plastic on ground, then some soil in pit bottom into a "nest" shape, then put sludge from pit into this berm. HC odor while excavating. 12:05 sampled ^{center} bottom at ~8 1/2' bgs (native, clay, black, no HCl odor), after removing the overlying contaminated sand. 12:25 Took sidewall sample at 5' + near fill end (towards Mandela). Removed the apparently contam. soil from bottom. Put 5-gal buckets in 55-gal drum, which must be sealed, labeled + disposed as Haz. waste. 24 TAT. Fax results to 337-9335. Tank pit is being secured.

Contact John Alt

Title CAC #1136

Signature [Signature]

Inspector Jennifer Eberle

Signature [Signature]

12:52 left site

Sl bottom, 52 wall-5'

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 checked="" 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 08/19/96		CASE #		SIGNED: <i>[Signature]</i> DATE: 11-4-96	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT JAMES E. BRINKER		PHONE 510 451-3482	SIGNATURE James E. Brinker	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME BERNABE + BRINKER INC.		
	ADDRESS 2240 - STREET WOOD CITY OAKLAND STATE CA ZIP 94607				
RESPONSIBLE PARTY	NAME HENRY TRAN <input type="checkbox"/> UNKNOWN		CONTACT PERSON HENRY TRAN	PHONE 510 465-6569	
	ADDRESS 1395 - STREET 7TH CITY OAKLAND STATE CA ZIP 94607				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) TRUCKERS FRIEND		OPERATOR HENRY TRAN	PHONE 510 465-6569	
	ADDRESS 1395 - STREET 7TH ST. CITY OAKLAND COUNTY CA. ZIP 94607				
	CROSS STREET MANDELLA PARKWAY				
IMPLEMENTING AGENCIES	LOCAL AGENCY		AGENCY NAME	CONTACT PERSON	PHONE ()
	REGIONAL BOARD				PHONE ()
SUBSTANCES INVOLVED	(1) NAME			QUANTITY LOST (GALLONS)	
	(2)				
DISCOVERY/ABATEMENT	DATE DISCOVERED 08/19/96		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 M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 08/19/96				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CASE TYPE CHECK ONE ONLY <input checked="" 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 checked="" 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 (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)				
COMMENTS	Initial tank removal samples: 800 ppm TPHd, 6700 TRPH, 210 Pb. Overex samples: 2400 ppm TPHd, 3200 O+G, 180 ppm TPHg. Benzene is ND.				

Transfer of Eligible Local Oversight Case

STID 5007 Date of input NA 8/22/96

Date: 8-22-96 From: J. Eberle

Site Name: Trucker's Friend

Address: 1395-74th St. City: Oak Zip: 607

To be eligible for LOP, case must meet 3 qualifications:

- 1. Y N Tanks Removed? # of removed? 1 waste oil Date removed: 8-19-96
- 2. Y N Samples received? Contamination level: 6700 ppm O+G
Type of test + 800 ppm TPH d
Contamination should be over 100 ppm TPH to qualify for LOP
- 3. Y N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet
• diesel • waste oil • kerosene • solvents
+ O+G

Procedure to follow should your site meet all the above qualifications:

- 1. a. Close the deposit refund case.
 - b. Account for ALL time you have spent on the case.
 - c. Turn in 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 more overhead. DO NOT attempt to continue to oversee the site simply because there are funds remaining!
- Remaining DepRef \$'s: 111.86
DepRef Case Closed with Candyce/Leslie? Y N (If no, explain why below.)
- 2. Submit the completed A and B permit application forms to NORMA.
 - 3. Give the entire case to the proper LOP staff.

JE

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

Jennifer Eberle
Project Specialist

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Waste
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure removal plans have been received and found to be acceptable and essentially meet the requirements of the State and Local Health Laws. Changes to your closure plans indicated by the 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/alteration.
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 approved 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 Tanks 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 Trucker's Friend, Inc.
Business Owner or Contact Person (PRINT) Hung Tran
2. Site Address 1395-7th Street
City Oakland, CA. Zip 94607 Phone 510-465-6569
3. Mailing Address 1395-7th Street
City Oakland, CA. Zip 94607 Phone 510-465-6569
4. Property Owner Hung Tran
Business Name (if applicable) Trucker's Friend, Inc.
Address 1395-7th Street
City, State Oakland, CA. Zip 94607
5. Generator name under which tank will be manifested
Hung Tran

EPA ID# under which tank will be manifested C A C 0 0 1 2 9 9 0 4 0
good for 90 days from 6-26-96.

6. Contractor Bernabe and Brinker, Inc. *Checked it 7-2-96*
Address 2240 Wood Street, *current & active, corp.*
City Oakland, CA. 94607 *exp. 1-31-97* Phone 510-451-3482
License Type* A - Haz ID# 610617

*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) James E. Brinker
Address 2240 Wood Street
City, State Oakland, CA. 94607 Phone 510-451-3482

8. Main Contact Person for Investigation (if applicable)
Name James E. Brinker Title Consultant/Contractor
Company Bernabe and Brinker, Inc.
Phone 510-451-3482

9. Number of underground tanks being closed with this plan 1
Length of piping being removed under this plan 10 feet
Total number of underground tanks at this facility (**confirmed with owner or operator) 4 (four)

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 Pacific Petrol Chemical Manifest #
EPA I.D. No. 95716763
Hauler License No. 2591 License Exp. Date N/A
Address 1300 South Hampton Road - Unit (2)
City Benicia *(707) 741-9788* State Ca. Zip 94510

b) Product/Residual Sludge/Rinsate Disposal Site
Name Enviropur West EPA ID# CAL008092456
Address 13331-N- Hwy.33
City Patterson State Ca Zip 95363

*Same as open of South Pacific Chem invoice # D8 9777
man # 95716763*

aa

c) Tank and Piping Transporter

Name Erickson Inc. EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date May 31, 1997
Address 55 Parr Blvd.
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson Inc. EPA I.D. No. CAD009466392
Address 55 Parr Blvd
City Richmond State CA Zip 94801

11. Sample Collector

Name John Alt
Company Epigene International
Address 38750 Paseo Padre Parkway
City Fremont State CA Zip 94536 Phone 510-791-1986

12. Laboratory

Name McC Campbell Analytical
Address 110-2nd Avenue South # D7
City Pacheco State CA Zip 94533
State Certification No. 1644

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

If yes, describe. _____

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

CO2, Dry Ice 1.5 lb per 100 gal UST.

you need at least 8.25 lb dry ice

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)		
550 gallon	Waste oil only	Soil, groundwater if possible	2 feet below the bottom of the tank

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>Stockpiled Soil Volume (estimated)</p> <p>20 cu./yards</p>	<p align="center">Sampling Plan</p> <p>Composite three(3) soil samples</p>
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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 [x] 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
TPH Gasoline	GCFID (5030)		1 ppm
BTX&E	8020 or 8240		1 ppm
TPH Diesel	GCFID (3550)		
TPH AND			
BTX&E	8260		
O & G	5520 D & F		
CL HC	8010 or 8240	+ 8270 only	
ICAP or AA	Metals	if O&G conc ≥ 100 mg/kg	

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Workmen's Comp.

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 Bernabe and Brinker, Inc.

Name of Individual James E. Brinker

Signature James E. Brinker Date June 20, 1996

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Trucker's Friend, Inc.

Name of Individual Hung Tan Tran

X Signature Hung Tan Tran Date June 20, 1996

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.

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 extractable, 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 hydrocarbons, 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

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 D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA -----Optional----- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260.	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510) O & G 5520 B & F BTX&E 602, 624 or 8260 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* PCP* PNA CREOSOTE	PCB PCP PNA 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

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 chroma- togram(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.