

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

MAY 05 1995

ENVIRONMENTAL
PROTECTION

95 MAY 22 PM 2:45

Std 3733
(closed)

R.J. Falconer
 18776 Walnut Road
 Castro Valley, CA 94546

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 007779, FOR SITE ADDRESS: 310 Bartlett Avenue, Hayward, CA 94546

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed **\$13,000**. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on August 16, 1993 and may be modified by the State Board in writing by an amended Letter of Commitment.

Read the terms and conditions listed in the Letter of Commitment. The State Board will take steps to withdraw this Letter of Commitment after **90 calendar days** from the date of this transmittal letter unless you proceed with due diligence with your cleanup effort. This means that you must take positive, concrete steps to ensure that corrective action is proceeding with all due speed. For example, if you have not started your cleanup effort, you must obtain three bids and sign a contract with one of these bidders within 90 calendar days. If your cleanup effort has already started and was delayed, you must resume the expenditure of funds to ensure that your cleanup is proceeding in an expeditious manner. You are reminded that you must comply with all regulatory agency time schedules and requirements.

This package includes the following:

- A "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.
 - Recommended Minimum Invoice Cost Breakdown
- A "Bid Summary-Sheet to list information on bids received.
- A "Certification of Non-Recovery From Other Sources" which **must be returned before any reimbursements can be made.**
- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your Reimbursement Request.
- "Claimant Data Record" (Std. Form 204) which **must be completed and returned with your first Reimbursement Request.**

YOU MUST SUBMIT A REIMBURSEMENT REQUEST PACKAGE BY July 26, 1995, OR SEND A WRITTEN UPDATE EXPLAINING:

1. Status of cleanup to date.
2. Reason(s) why a reimbursement request has not been submitted.
3. Costs incurred to date for corrective action.
4. Projected date for submitting a reimbursement request.

We constantly review the status of all active claims. If you do not submit a reimbursement request or a written update by the date above, or fail to proceed with due diligence with the cleanup, we will take steps to withdraw your Letter of Commitment.

If you have any questions regarding the Letter of Commitment or the Reimbursement Request package, please contact Cheryl Gordon at (916) 227-4539.

Sincerely,

Dave Deane, Manager
 UST Cleanup Fund Program

Enclosures

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

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

LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 007779

AMENDMENT NO: 0

CLAIMANT: R.J. Falconer

BALANCE FORWARD: \$0

CO-PAYEE: None

THIS AMOUNT: \$13,000

NEW BALANCE: \$13,000

JOINT CLAIMAINT: None

CLAIMANT ADDRESS: 18776 Walnut Road
Castro Valley, CA 94546

TAX ID/SSA NO: 547-28-6202

Subject to availability of funds, the State Water Resources Control Board (SWRCB) agrees to reimburse R.J. Falconer (Claimant) for eligible corrective action costs at 310 Bartlett Avenue, Hayward, CA 94546 (Site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$13,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the SWRCB, the SWRCB shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
4. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
5. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
6. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
7. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the SWRCB. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the SWRCB's consent.
8. This Letter of Commitment may be withdrawn at any time by the SWRCB if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the SWRCB this 26th day of April, 1995.

STATE WATER RESOURCES CONTROL BOARD

BY Doug Wilson
for Manager, Underground Storage Tank Cleanup Fund Program

BY James B. Staffor
Chief, Division Administrative Services

STATE USE:
CALSTARS CODING:
0550-569.02 - 30530
\$ _____

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 21, 1993

Sumadha Arigala
RWQCB, S.F. Bay Region
21010 Webster St., Ste 500
Oakland, CA 94612

STID 3733

RE: Anderson Lift Truck Transport (Falconer), located at 310
Bartlett Avenue, Hayward, California

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. Arigala,

This office has reviewed the files for this site and has come to the conclusion that this site can be recommended for closure.

On April 26, 1989, a 500-gallon leaded gasoline underground storage tank (UST) was removed from the above site. Visual inspection of the tank and associated piping revealed no obvious holes. Two soil samples (AL-1 and AL-2) were collected from beneath the UST in native soil, one from 1 foot below the tank, and the other from 3 feet below the tank. The initial depth of the tank pit is unknown. These samples were analyzed for TPH as gasoline (TPHg) and BTEX. The lab analysis of these samples identified 2,400 ppm TPHg and 21 ppm benzene in sample AL-1. Analysis of sample AL-2 identified 140 ppm TPHg and traces of toluene, ethylbenzene, and xylenes (Please refer to attached copy of sampling locations and lab analysis results).

On January 14 and February 5, 1991, ENGEIO Incorporated began overexcavation of the tank pit. Six confirmation soil samples were submitted for laboratory analysis. One sample was selected from the bottom and one from each sidewall. Soil samples from the bottom of the excavation were recovered at depths of 16.5 and 17 feet. Soil samples collected from the sidewalls were recovered at depths of 11 to 14 feet. These samples were analyzed for TPHg and BTEX. Analysis of these samples identified 1.3 ppm TPHg in Sample 3, upto .0032 ppm benzene in Sample 6, and traces of toluene and xylenes (Please refer to the attached copies of lab analysis results and sampling locations).

On April 9, 1992, three monitoring wells were installed at the site (Please refer to attached copies of borings). These wells have only been sampled twice, once on April 9, 1992 and once on

Sumadhu Arigala
Re: 310 Bartlett Ave.
May 21, 1993
Page 2 of 2

April 14, 1993. These samples were analyzed for TPHg and BTEX in both sampling events. No contaminants were identified. In the April 1992 sampling event, the ground water gradient was determined to be going towards the west, towards monitoring well MW-3. In the April 1993 sampling event, the ground water gradient was determined to be going to the east, not in the direction of any of the monitoring wells. However, I feel that the monitoring well locations are sufficient and if ground water had been impacted in the past, these wells would have at least identified minor contaminant concentrations. However, through both sampling events, no contaminants were detected above detection limits (Please refer to copies of site maps and laboratory analysis results).

Please review the attached information and notify this office as to whether RWQCB concurs with the recommendation. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)

May 19, 1993

Ms. Juliette Shin
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, California 94621

Subject: Anderson Lift Truck Transport
310 Bartlett Avenue
Hayward, California

Dear Ms. Shin:

Attached please find a report on groundwater monitoring and sampling at Anderson Lift Truck Transport, 310 Bartlett Avenue, Hayward, California.

Analysis of soil and groundwater samples collected at the site have not detected any petroleum hydrocarbon constituents. A copy of the preliminary site investigation, previously submitted in June 1992 documenting monitoring well installation, is included for your reference. As a result, I believe that no further work is warranted, and hereby request case closure.

Sincerely,

A handwritten signature in cursive script that reads "Robert Falconer". The signature is written in black ink and is positioned above the typed name and address.

Robert Falconer
18776 Walnut Road
Castro Valley, California 94546



ALISTO ENGINEERING GROUP

May 14, 1993

Mr. Robert Falconer
18776 Walnut Road
Castro Valley, California 94546

10-144

Subject: Groundwater Monitoring and Sampling Report
Anderson Lift Truck Transport
310 Bartlett Avenue
Hayward, California

Dear Mr. Falconer:

Alisto Engineering Group is pleased to submit this report on groundwater monitoring and sampling at Anderson Lift Truck Transport, 310 Bartlett Avenue, Hayward, California.

Please submit a copy of the report to each of the following parties:

1. Ms. Juliette Shin
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, California 94621
2. Mr. Hugh Murphy
Hayward Fire Department
25151 Clawiter Road
Hayward, California 94545-2731
3. Mr. Eddy So
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

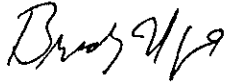
Also enclosed is a request for case closure. If you agree with the contents of the request, please sign and submit a copy to each of the above parties. On receipt of a case closure letter, please send us a copy for our files.

Mr. Robert Falconer
May 14, 1993
Page 2

Please call if you have questions or comments.

Sincerely,

ALISTO ENGINEERING GROUP

A handwritten signature in black ink, appearing to read "Brady Nagle".

Brady Nagle
Project Manager

Enclosures

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

November 2, 1992

Robert Falconer
18776 Walnut Road
Castro Valley, CA 94546

STID 3733

RE: Required investigations at the site located at 310 Bartlett Avenue, Hayward, California

Dear Mr. Falconer,

The case file for the above site has been transferred to another Hazardous Materials Specialist, Juliet Shin.

One 550-gallon gasoline underground storage tank (UST) was removed from the site in April 1989. Two soil samples were collected from beneath this tank in native soil during the removal. Analysis of these samples identified Total Petroleum Hydrocarbon as gasoline (TPHg), as high as 2,400 parts per million (ppm), in both of the samples. In 1991, Engeo, Inc. further excavated the tank pit and collected confirmatory soil samples. Analysis of these samples identified only minor concentrations of TPHg and BTEX.

Although the vertical and lateral extent of soil contamination was essentially identified and most of it removed, no efforts have been made to determine whether the ground water has been impacted by the release at the site. Guidelines established by the California Regional Water Quality Control Board (RWQCB) requires that investigations be conducted whenever an unauthorized release of product is suspected from an UST. The observed soil contamination would indicate that the ground water may have been impacted.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which may have resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

Mr. Robert Falconer
Re: 310 Bartlett Ave.
November 2, 1992
Page 2 of 3

- o At least one ground water monitoring well must be installed within 10 feet of the tank pit, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of identifying the confirmed downgradient direction, a minimum of three monitoring wells will be required to verify gradient direction. During the installation of these wells soil samples are to be collected at five foot depth intervals and any significant changes in lithology until ground water is reached.
- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Additionally, ground water elevations are to be measured monthly for three consecutive months and then quarterly thereafter. Ground water samples are to be collected and analyzed quarterly. Samples are to be analyzed for the appropriate fuel contaminants listed in Table 2 of RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

The PSA proposal is due **within 45 days** of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted to this office within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization
- o Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.

Mr. Robert Falconer
Re: 310 Bartlett Ave.
November 2, 1992
Page 3 of 3

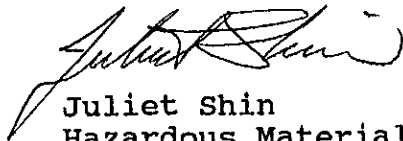
- o Recommendations or plans for additional investigative work or remediation

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

Please be advised that this is a formal request for technical reports pursuant to **California Water Code Section 13267 (b)**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Eddy So, RWQCB

Hugh Murphy, Hayward Fire Dept.

Edgar Howell-File(JS)

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form
 (FALCONER)

II, III

Site ID # _____ Site Name ANDERSON FORKLIFT Today's Date 2/5/91

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 310 Bartlett Av.

City Hayward Zip 94541 Phone _____

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

Inspection Categories:

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

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(i)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

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

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|--|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Groundwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/groundwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| ___ 7. Precs Tank Test 2643 | |
| Date: _____ | |
| ___ 8. Inventory Rec. 2644 | |
| ___ 9. Soil Testing . 2646 | |
| ___ 10. Ground Water. 2647 | |
| New Tanks | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submitt
Date: _____ 2711 |
| | ___ 14. As Built 2635
Date: _____ |

Comments:
 Tank was removed from this site 4/26/89, soil beneath tank was found to be contaminated at 2,400 ppm TPH. Since that time, a set of 1 base and 4 sidewall samples have been taken by Engco under DeCon's direction. Lab results (not yet forwarded to my office) indicate that soil levels at 17' (basal) + 14' (sidewall) have dropped to less than 10 ppm TPH or ND, ^{and} while BTEX components are still above detectable in most sampling locations. Today, further excavation took place, along with field screening with an OVM detector for volatile components of petroleum fuel. S + N walls were scraped + soil screened. Plan to do same with west wall +, to the extent possible, east wall. Depth to groundwater has not yet been determined. Eric Harrell with Engco took samples. Lab sample has been taken of N wall, he will take lab samples of other 4 walls + base. New sound wall has been constructed along east side of tank pit - within 1 1/2' of current edge of excavation, by CalTrans. Property is adjacent to Hwy 880 II, III

Rev 8/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: Patricia J. Evans

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

November 28, 1990

Cal Anderson ✓ *Falconer*
Anderson Lift Truck Transport
310 Bartlett Av.
Hayward CA 94541

RE: Soil Contamination at 310 Bartlett Av., Hayward 94541

Dear Mr. Anderson ✓ *Falconer*

In the course of the underground storage tank removal at your site, significant soil contamination was discovered. You were instructed by this office, in correspondence dated September 22, 1989, to submit a site contamination report and to begin an investigation of the full depth and lateral extent of site contamination. You must submit the report form (enclosed) and a site investigation work plan **no later than January 15, 1991**. A work plan format was sent to you with the September 22 correspondence.

In addition, you must provide information regarding the soil excavated from the tank pit. No analysis results were ever submitted to this office. Contaminant levels must be established for this soil prior to reuse, remediation, or disposal. Submit this any available soil sampling results on or before the due date for your site plan.

You must also submit a check to this office for \$500.00, payable to Alameda County, in order to cover this agency's remediation oversight costs.

You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Richard Hiett, Regional Water Quality Control Board
Stuart G. Solomon, Geo Environmental Technology

October 24, 1990

J. Quarle and Associates, Inc.
5835 Doyle Street, Suite #107
Emeryville, Ca. 94608

SUBJECT; NON PERFORMANCE on your proposal to manage and Mitigate soil conditions at 310 Bartlett Ave., Hayward, Ca. 94541 dated October 11, 1989.

Dear Jack;

We are requesting you a refund to us in the amount of \$2,500.00, (TWO THOUSAND FIVE HUNDRED DOLLARS) at once for the following reasons:


1. Your company has not acted in good faith as per our signed and advanced \$2,500.00 proposal fee to your office dated October 13, 1989.
2. Not only have you or any of your so called Associates submitted to the Alameda County Hazardous Materials Program, a plan to manage and mitigate the soil at the above address for which we contracted your company to perform in good faith with our signed and remitted fee of \$2,500.00 and proposal dated October 13, 1989.
3. The J. Quarle and Associates, Inc./and or their Associates have not responded to any of our correspondence in the matter of managing and mitigating our post removal of our underground gasoline storage tank as per our agreed upon signed proposal dated October 13, 1989.
4. Our Contractor State License Board Complaint file #905640 issued by Ms Le Simon indicated your company is only acting as a consultant in this matter, rather than a contractor. This, to us, borders on as a fraudulent act on your part.

Finally Jack, we are not at all pleased with your lack of non performance in the above matter and the sooner you refund to us the down payment fee of \$2,500.00 the better off we will all be.

Make a cashiers check or money order in the amount of \$2,500.00 payable to Robert Falconer.

Remit same to Anderson Lift Truck Transport, 310 Bartlett Ave., Hayward, Ca. 94541.

With regards,


ROBERT J. FALCONER

RJF/cc

1.
May 31, 1990
J. GUARLE AND Associates, INC.
5835 Doyle Street
Emeryville, CA 94608

DEAR JACK;

ON JANUARY 19, 1990 WE SENT YOU AN APPEAL LETTER REGARDING THE PROPOSAL AND PLAN TO BE SUBMITTED TO THE HEALTH CARE SERVICES OF ALAMEDA COUNTY IN MITIGATING THE SOIL AFTER THE TANK REMOVAL FROM OUR ADDRESS AT 310 BARTLETT AVENUE, HAYWARD, CA 94541.

MANY ATTEMPTS TO RECEIVE FROM YOU AN ANSWER HAS FAILED AND WE NOW MUST REQUEST FROM YOU A DEFINITE ANSWER SO WE CAN ACT ACCORDINGLY TO THE MANDATED MITIGATION PROCESS ORDERED BY THE ALAMEDA COUNTY HEALTH SERVICES BY THEIR LETTER DATED SEPTEMBER 22, 1989, OF WHICH YOU HAVE A COPY OF SAME.

SHOULD WE NOT HEAR FROM YOU WITHIN A REASONABLE TIME RESPONSE PERIOD, WE THEN WILL TAKE NECESSARY STEPS TO RECOVER THE \$2500.00 DOWN PAYMENT PROPOSAL REQUEST AND IN TURN, FILE FOR AN EXTENSION PERIOD

for another contractor to complete this,
The Request by the Alameda County
Health Care Services.

To this date, I'm disappointed in
that you fail to communicate with
us on this long overdue action.

With Kind Regards
Robert J. Falconer:

cc: Anderson Left Truck Transport

January 19, 1990

J. Quarle' and Associates, Inc.
5835 Doyle Street Suite 107
Emeryville, CA. 94608

Dear Jack;

It has been since October 11, 1989 that we signed your proposal for services to manage and mitigate the soil and groundwater at 310 Bartlett Ave. Hayward, California.

We realize the extenuating circumstances encountered by many businesses because of the "Quake" of October 17, 1989 that may be the reason for your delays in this matter.

We are not only concerned in the above matter of proceeding with the job, we now are faced with a potential of being in the way of Caltrans, whom, are in the process of passing thru very close to our fence line so as to construct a sound wall between our property and State of California property line along the southbound lanes of the 880 Freeway. Caltrans expects to demolish shrubs, fence along the property lines by mid February 1990.

Our final concern at this time is that we were directed to submit a plan to the Department of Environmental Health, Hazardous Materials Division in Oakland, CA. It is not clear to us if your office has submitted to them your plan to mitigate the soil and related subjects.

We would appreciate some response from your office as soon as possible so we can plan our near future in finally filling the existing hole where the former fuel tank rested.

Truly Yours,


Robert J. Falconer

cc: Anderson Lift Truck Transport, Inc.

	ROBERT J. FALCONER 12-88	181
	CATHERINE C. FALCONER PH. 415-582-1748 18776 WALNUT RD. CASTRO VALLEY, CA 94546	<i>October 13, 1989</i>
PAY TO THE ORDER OF	<i>J. Quarle's Assoc, Inc</i>	<i>\$ 2500⁰⁰ XX</i>
	<i>Two Thousand Five Hundred</i>	<i>100/100</i> DOLLARS
	CASTRO VALLEY OFFICE GLENDAL FEDERAL SAVINGS AND LOAN ASSOCIATION 3288 CASTRO VALLEY BLVD. CASTRO VALLEY, CALIFORNIA 94546	
MEMO	<i>Soil Mitigation Proposal</i>	<i>Robert J. Falconer</i>
+ 321170444 5707025297 0184 0000250000		

ENDORSE HERE

X

PAY TO THE ORDER OF
SUMMIT BANK
FOR DEPOSIT ONLY
J. QUARLE & ASSOCIATES, INC.
03-202415

DO NOT WRITE, STAMP OR SIGN BELOW THIS LINE
RESERVED FOR FINANCIAL INSTITUTION USE *

→ 121138958 ↓
SUMMIT BANK
OAKLAND, CALIFORNIA
(415) 839-8800
→ 121138958 ↓

0109090909

07829 10/17/89 055 03202415

OT '89 18

121000578

04269169

FEDERAL RESERVE BOARD OF GOVERNORS PER C.C.

J. Quarle' & Associates, Inc.
5835 Doyle Street, Suite 107
Emeryville, CA 94608
(415) 547-7411 Fax (415) 547-7422

AN ENVIRONMENTAL SERVICE
COMPANY

OCTOBER 11, 1989

Attn: Robert Falconer
Anderson Lift Truck Transport
310 Bartlett Avenue
Hayward, CA 94541

PROPOSAL FOR SERVICES

Re: 310 Bartlett Avenue, ^{HAYWARD} ~~Oakland~~, CA 94541

J. Quarle' & Associates hereby proposes to manage the mitigation of the soil and groundwater contamination at the above referenced site.

In order to accomplish this task our firm will respond to the issues arising from the letter dated September 22, 1989 from the Alameda County Health Department to Anderson Lift Truck Transport in the following manner:

- 1) Compile available data and incorporate it into our report.
- 2) Develop a site mitigation plan and obtain appropriate agency approval
- 3) Implement the plan.

Contract price includes, in addition to the above stated activities, certified disposal documents and a complete report of activities.

Contract price excludes; permit fees, inspection fees, extraordinary costs incurred if remedial action involves public thoroughfares, underground utilities or improvements, and certified well monitoring.

Using the above referenced letter of September 22, 1989 as a guideline for services to be performed and incorporated in this document as such, our firm will perform the services as described above for the sum of Two Thousand Five Hundred (2,500.00) with payments to be made as follows: \$2,500.00 upon acceptance

The estimated cost of remedial activities in addition to the above services is \$2,500.00.

The actual remediation activities will be performed on a cost plus basis with guidelines as follows:

- 1) Services rendered will incur a fee of 15%.
- 2) Fees for services performed by employees of J. Quarle' & Associates will not incur a surcharge. Established rates for services are:


Technician	\$40.00 per hour.
Master Technician	\$45.00 per hour.
Engineer	\$75.00 per hour.
Project Manager	\$75.00 per hour.

- 3) Payments for services performed and materials provided under this portion of the contract will be made monthly upon presentation of invoice, unless other arrangements are mutually agreed upon between Anderson Lift Truck Transport and J. Quarle' & Associates, Inc.

Starting time is to be mutually agreed upon, and completion of project is to be as expedient as governmental agencies allow.

Sincerely,

J. QUARLE' & ASSOCIATES, INC.



Jack Quarle'

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

DATE October 13, 1989 SIGNATURE Robert J. Salomon

Pd 2500⁰⁰
CR# 181. 10/13/89



FOR OFFICE USE ONLY

R	D	FY	NUMBER	TP	I	O	P	DATE RECEIVED	SPEC	DT STAT EXP	
G	T			CNT	N	R	RY	MO DA YR	PROJ	MO DA YR	
LICENSE NUMBER							CSR INIT	DATE ASSIGNED	DEP INIT	DATE ASSIGNED	
								MO DA YR		MO DA YR	
SECTIONS VIOLATED:									DISP	DATE CLOSED	
										MO DA YR	
									C		
STATUS CHANGE		C		C		C		C		C	
DATE											

Contractors State License Board

CONSUMER COMPLAINT FORM

PLEASE COMPLETE BOTH SIDES OF THIS FORM.

I wish to register a complaint against the contractor named below. I understand that the Contractors State License Board is unable to represent private citizens in court or to collect money or to levy fines.

TO HELP THE CSLB RESOLVE THIS COMPLAINT, PLEASE ANSWER AS MANY QUESTIONS AS POSSIBLE

1. YOUR NAME (last) (first) (middle) FALCONER Robert JOHN	2. CONTRACTOR NAME (as shown on contract/invoice) J. Quarle' Assoc., INC
ADDRESS (number) (street) 310 BARTLETT Avenue	ADDRESS (number) (street) LICENSE NO. USED. 5835 Doyle St. Ste 107
(city) (state) (ZIP code) HAYWARD CA 94541	(city) (state) (ZIP code) Emeryville CA 94608
PHONE WHERE YOU CAN BE REACHED 8 a.m.-5 p.m. (area code) 415-352-1653	PHONE NUMBER (415) 547-7411
HOME PHONE: (area code) 415-582-1748	PERSON DEALT WITH TACK QUARLE'
3. Have you filed in court to recover damages on this complaint? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, please attach documentation with this form.	

PROJECT INFORMATION . . .

4. OWNER OF CONSTRUCTION SITE: Robert J. Falconer	5. CONSTRUCTION SITE ADDRESS: street and number 310 BARTLETT Ave
ADDRESS: ZIP: PHONE 310 BARTLETT Ave (415) 352-1653	CITY: ZIP: PHONE HAYWARD CA 94541 (352) 1653
6. Describe briefly the work for which you contracted: PROPOSAL FOR MITIGATING SOIL AFTER UNDERGROUND TANK REMOVAL	
Re: PROPOSAL Attached.	
7. CONTRACT DATE: Oct 13, 1989	8. AMOUNT: 5000 +
9. AMOUNT PAID ON CONTRACT: 2500.00	10. DATE WORK STARTED: HAS NOT STARTED
11. DATE WORK CEASED:	

12. WHY DID YOU CHOOSE THIS CONTRACTOR?

REGULAR CUSTOMER DOOR-TO-DOOR SOLICITATION ADVERTISEMENT (ENCLOSE COPY OF AD IF POSSIBLE)

REFERRED BY SOMEONE OTHER, EXPLAIN:

13. BRIEFLY STATE YOUR COMPLAINT

We contracted to J. Quarle' to perform services to mitigate soil and to file same w/ Health Care Services of Alameda County (Attached copy)

Many Attempts were made to start this MANDATED issue by the County, however, we CANNOT get any response as to what steps have be taken to implement process by Quarle' and Associates.

PLEASE COMPLETE BOTH SIDES OF THIS FORM

(If more room is needed please attach a sheet of paper)

14. Is this project at: Residence _____ Commercial Building Other PLACE of BUSINESS
15. Is this project at: Addition _____ Repair/Replace New Construction _____
New Purchase _____
16. Was contract: Written Oral _____ New Home Purchase Agreement _____
17. Were there any change orders? Yes _____ No
If yes, were they Written _____ Oral _____ Both _____
18. Is your complaint: Abandonment _____ Workmanship _____ Other (NEVER STARTED)
19. Building permit obtained by: Contractor _____ You _____ Do not know
Name of building department _____
20. Who presented contract? (name): Salesperson HAND DELIVERED PROPOSAL
Contractor ESTIMATED/SIGNED PROPOSAL
Do not know _____
21. Did the contractor have employees? Yes No _____ If so, how many? ?
22. Were employees, subcontractors, or materialmen paid? Yes _____ No _____ Do not know
23. Were any liens filed on this job? Yes _____ No By whom? _____
24. What attempts have you made to contact the contractor? Unable to locate _____
Personal contact Telephone Letter (attach copies)
25. Have you obtained an estimate from another contractor to complete or correct job? Yes _____ No
If yes, provide name, address, phone number of the contractor, and if possible, a copy of the estimate. _____

PLEASE SEND COPIES OF ALL PAPERS RELATED TO YOUR COMPLAINT

Please attach copies of both sides of contracts, cancelled checks, and other pertinent materials. DO NOT SEND ORIGINALS. If copies are not available, please explain why.

- A. If the contractor is licensed, he/she will be informed of this complaint and will be asked to contact you within seven days.
- B. The Contractors State License Board cannot direct a nonlicensed contractor to complete or correct a project.
- C. In addition to this complaint you may also file an action in civil court. Please get advice from an attorney or the small claims counselor at your local municipal court on filing such a complaint.
- D. The Contractors State License Board cannot represent private citizens in court nor collect money for you. Please contact an attorney or the small claims counselor at your local municipal court for advice on filing such an action.

The information contained in this form is true, correct, and complete to the best of my knowledge. I will assist in the investigation or in the prosecution of the contractor or other parties, and will if necessary, attend hearings and testify to facts.

26. SIGN HERE Robert J. Tolsoner 27. DATE August 31, 1990

THANK YOU FOR ASSISTING US IN OUR EFFORTS TO RESOLVE YOUR COMPLAINT.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

September 22, 1989

Mr. Robert Falconer
Anderson Lift
310 Bartlett Ave.
Hayward, CA 94541

Re: Unauthorized release from underground storage tank(s), 310
Bartlett Ave., Hayward

Dear Mr. Falconer:

During the removal of an underground storage tank at the above location, contaminated soil was discovered. At 1 and 3 foot depths under the tank levels of Total Petroleum Hydrocarbons (TPH) were found to be 2,400 and 140 respectively. These levels exceed thresholds established by the Regional Water Quality Control Board (RWQCB) for the occurrence of an "unauthorized release." Title 23 of the California Code of Regulations requires all such releases from underground tanks to be reported. You must file an unauthorized release report with this office, a copy of which is attached.

A preliminary assessment should be conducted to determine the extent of groundwater contamination that has resulted from the leaking tank. The information gathered by this investigation will be used to assess the need for additional actions at the site. The preliminary assessment should be designed to provide all of the information in the format shown in the attachment at the end of this letter. This format is based on RWQCB guidelines. You should be prepared to install one monitoring well, if you can verify the direction of groundwater flow in the immediate vicinity of the site, and three wells if you cannot.

Until cleanup is complete, you will need to submit reports to this office and to the RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). These reports should include information pertaining to further investigative results; the methods and costs of cleanup actions implemented to date; and the method and location of disposal of any contaminated material. Apparently no contaminated material has been disposed of to date.

Mr. Robert Falconer
September 22, 1989
Page 2 of 2

Your work plan should be submitted to this office by **October 20, 1989** . Copies of the proposal should also be sent to the RWQCB (attention: Lester Feldman). You may implement remedial actions before approval of the work plan, but final concurrence by this office will depend on the extent to which the work done meets the requirements described in this letter. If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact Tom Peacock, Sr. Hazardous Materials Specialist, at 271-4320.

Sincerely,

R.A. SW

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:GW:gw

enclosure

cc: Howard Hatayama, DOHS (w/o enclosure)
Lester Feldman, San Francisco Bay RWQCB (w/o enclosure)
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Agency (w/o enclosure)

WORK PLAN REQUIREMENTS FOR AN INITIAL SUBSURFACE INVESTIGATION

This outline should be followed by professional engineering or geologic consultants in preparing work plans to be submitted to the RWQCB and local agencies. Work plans must be signed by a California-registered engineer or geologist.

This outline should be referred to in context with the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks" (June 2, 1988).

PROPOSAL FORMAT

I. Introduction

- A. State the scope of work
- B. Items are omitted that have already been received by this Department

II. Site Description

- A. Describe the hydrogeologic setting of the site vicinity
- B. Prepare a vicinity map (including wells located on-site or on adjoining lots, as well as any nearby streams)

III. Plan for Determining Extent of Soil Contamination

- A. Describe method for determining the extent of contamination within the excavation
- B. Describe sampling methods and procedures to be used
 1. If a soil gas survey is planned, then:
 - identify number of boreholes, locations, sampling depths, etc.;
 - identify subcontractors, if any;
 - identify analytical methods;
 - provide a quality assurance plan for field testing.
 2. If soil borings are to be used to determine the extent of soil contamination, then:
 - identify number, location (mapped), and depth of the proposed borings;
 - describe the soil classification system, soil sampling method, and rationale;
 - describe the drilling method for the borings, including decontamination procedures;
 - explain how borings will be abandoned.
- C. Describe how clean and contaminated soil will be differentiated, and describe how excavated soil will be stored and disposed of. If on-site soil aeration is to be used, then describe:
 1. The volume and rate of aeration/turning;
 2. The method of containment and cover;
 3. Wet-weather contingency plans;
 4. Results of consultation with the Bay Area Air Quality Management District.

Other on-site treatments (such as bioremediation) require permits issued by the RWQCB. Off-site storage or treatment also requires RWQCB permits.

- D. Describe security measures planned for the excavated hole and contaminated soil

IV. Plan for Characterizing Groundwater Contamination

Construction and placement of wells should adhere to the requirements of the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks."

- A. Explain the proposed locations of monitoring wells (including construction diagrams), and prepare a map to scale
- B. Describe the method of monitoring well construction and associated decontamination procedures
 1. Expected depth and diameter of monitoring wells.
 2. Date of expected drilling.
 3. Locations of soil borings and sample collection method.
 4. Casing type, diameter, screen interval, and pack and slot sizing technique.
 5. Depth and type of seal.
 6. Development method and criteria for determining adequate development.
 7. Plans for disposal of cuttings and development water.
 8. Surveying plans for wells (requirements include surveying to established benchmark to 0.01 foot).
- C. Groundwater sampling plans
 1. Water level measurement procedure.
 2. Well purging procedures and disposal protocol.
 3. Sample collection and analysis procedures.
 4. Quality assurance plan.
 5. Chain-of-custody procedures.

V. Prepare a Site Safety Plan

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3733
SITE NAME: Falconer (A.K.A. Anderson Lift DATE REPORTED : 04/26/89
ADDRESS : 310 Bartlett Ave. DATE CONFIRMED: 04/26/89
CITY/ZIP : Hayward 94541 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 2 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED:
PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/03/92
LUFT FIELD MANUAL CONSID: 2,H,S,C,A
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Robert J. Falconer
COMPANY NAME:
ADDRESS: 18776 Walnut Road
CITY/STATE: Castro Valley, Ca 94546

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Falconer (A.K.A. Anderson Lift) + Geo Env. Tech.

Address: 310 Bantlett city Hayw zip 94541

Closure plan attached? Y N DepRef remaining \$ 1,700.00

DepRef Project # 508A STID #(if any) 3733

Number of Tanks: 1 removed? Y N Date of removal 4-26-89

Samples received? Y N Contamination: TPH, BTEX

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

Monitoring wells on site No Monitoring schedule? Y N

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

Briefly describe the following:

Preliminary Assessment Samples from tank removal showed > 2000 ppm TPH + high BTEX

Remedial Action Additional soil was exc. from tank pit w/ conf. sampling

Post Remedial Action Monitoring 0

Enforcement Action letters

- ① He has excavated most of the contaminated soil - he's limited in how far he can dig to the east because there is a Cal-Trans ~~retained~~ sound well constructed within feet of his excavation.
- ② Depth to g.w. has not been established, but it presumed to be between 25' and 40'. No borings have been done to gather hydrogeologic data.
- ③ Sent Mr. Falconer a number of letters since removal telling him g.w. inv. was part of the picture. Latest letter was sent in June, 1991. with July 30 deadline for workplan. He has said he can't afford to do the work. Requires followup, but is not a top priority case.

ACCEPTED

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

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.

One copy of these accepted plans must be on the job site available to all contractors and craftsmen involved in the removal.

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

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

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

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

4-21-89 [Signature]

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 84621

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Geo-Environmental Technology
Business Owner Stuart Solomon
2. Site Address 310 Bartlett Ave.
City Hayward Zip 94541 Phone 415-785-3911
3. Mailing Address Same as site address
City _____ Zip _____ Phone _____
4. Land Owner Robert Falconer
Address _____ City, State _____ Zip _____
5. EPA I.D. No. CAC 000167917
6. Contractor Geo-Environmental Technology
Address 260 Cristich Lane
City Campbell Phone 408-559-1220
License Type C-61/D-40 ID# 522207
7. Other (Specify) _____
Address _____
City _____ Phone _____

Project # U592308

Fee Paid 333.00

Date 4.18.89

PROJECT # _____

ALAMEDA COUNTY HEALTH
ENVIRONMENTAL HEALTH DEPT.

SERVICE REQUESTED: _____

NAME OF SITE: _____

ADDRESS: _____

CONTRACTOR: _____

ADDRESS _____ TELE. # _____

CONTACT PERSON: _____ TELE # _____

AMOUNT OF DEPOSIT: \$ _____ DATE: _____

DATE:	ACTION TAKEN	TIME	HRS IN	0.1 X \$53.00 =	
		IN	OUT	X \$53.	BALANCE
_____	_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

TOTAL COST \$ _____

PROJECT COMPLETED BY _____

DATE: _____ REFUND: \$ _____

SENT TO ACCOUNTING: DATE: _____

TO BE REPORTED WEEKLY TO ACCOUNTING FOR CASH FLOW
ADJUSTMENT

8. Contact Person for Investigation

Name Gary DellaVeccia Title Construction Manager
Phone 408-559-1220

9. Total No. of Tanks at facility 1

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name H & H Ship Service EPA I.D. No. CAD 004771168
Address 220 China Basin Rd.
City San Francisco State CA Zip _____

b) Rinsate Transporter

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

c) Tank Transporter

Name H & H Ship Service EPA I.D. No. CAD 004771168
Address 220 China Basin Rd.
City San Francisco State CA Zip _____

d) Contaminated Soil Transporter

Name Bauerle Trucking EPA I.D. No. CAD 980585780
Address 1467 Oak Canyon Place
City San Jose State CA Zip 95120

12. Sample Collector

Name Mark Youngkin or Todd Murray
Company Geo-Environmental Technology
Address 260 Cristich Lane
City Campbell State CA Zip 95008 Phone 408-559-1220

DRAFT

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
470 - 27th Street, Room 322
Oakland, CA 94612
Phone No. 415/874-7237

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name _____
2. Site Address _____
City _____ Zip _____ Phone _____
3. Business Operator/Manager _____
4. EPA I.D. No. _____
5. Contractor _____
Address _____
City _____ Phone _____
License Type _____
6. Other (Specify) _____
Address _____
City _____ Phone _____
7. Contact Person for Investigation
Name _____ Title _____
Phone _____
8. State Registered Hazardous Waste Transporters/Facilities
 - a) Product/Waste Transporter
Name _____ EPA ID No. _____
Address _____
City _____ State _____

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity 500 gal	Historic Contents (past 5 years) leaded gasoline		

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

If yes, describe. _____

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

If yes, describe. 100 lbs. of dry ice.

16. Laboratories

Name Trace Analytical Laboratory
 Address 3423 Investment Blvd.
 City Hayward State CA Zip 94545
 State Certification No. 122

BIOGRAPHY

Nancy D. Wolff is the Coordinator of the Tank Integrity Program for Chevron U.S.A. Marketing, San Francisco, California. Chevron's Tank Integrity Program is a multi-million dollar effort, which began in 1981 to ensure the integrity of the underground storage systems at service stations and bulk product facilities nationwide. As Coordinator of the Program, Ms. Wolff assists in developing budgets, determining appropriate tank system upgrades, and prioritizing the facilities which are to be addressed. She is also responsible for reviewing all new products and services associated with new underground tanks, as well as systems for monitoring existing tanks. She is active in providing technical information to various state and local regulatory agencies and is a contributor to the groups within the American Petroleum Institute and the Western Oil & Gas Association, which are addressing underground storage tank issues.

Previously, Ms. Wolff worked as an environmental specialist for Chevron Marketing in the Los Angeles area. In this position she was involved in all phases of service station underground tank leak clean-up and remediation projects. Prior to this position she worked as a project engineer, managing numerous construction projects, including underground tank replacements at service stations. Ms. Wolff graduated from West Virginia University, with a Bachelor of Science degree in mechanical engineering.

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Gasoline	Method 5030	EPA 8015 & 8020 with BTXE

18. Site Safety Plan submitted? Yes [x] No []

19. Workman's Compensation: Yes [x] No []

 Copy of Certificate enclosed? Yes [x] No []

 Name of Insurer Farmer's Insurance Group

20. Plot Plan submitted? Yes [x] No []

21. Deposit enclosed? Yes [x] No []

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

a) Chain of Custody Sheets

b) Original Signed Laboratory Reports

c) TSD to Generator copies of wastes shipped and received

d) Attachment A summarizing laboratory results

DRAFT

b) Rinsate Transporter

Name _____ EPA ID No. _____

Address _____

City _____ State _____

c) Tank Transporter

Name _____ EPA ID No. _____

Address _____

City _____ State _____

d) Contaminated Soil Transporter

Name _____ EPA ID No. _____

Address _____

City _____ State _____

9. Sample Collection Methods

Brass Tubes: [] yes [] No

Backhoe: [] yes [] No

Other (specify): _____

10. Sampling Information

Tank or Area	Material sampled	Location & Depth
Capacity Historic Contents		

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

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

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

Signature of Contractor

Name (please type) Stuart Solomon

Signature [Handwritten Signature]

Date 4/19/89

Signature of Site Owner or Operator

Name (please type) Robert Falconer

Signature [Handwritten Signature]

Date 4/19/89

NOTES:

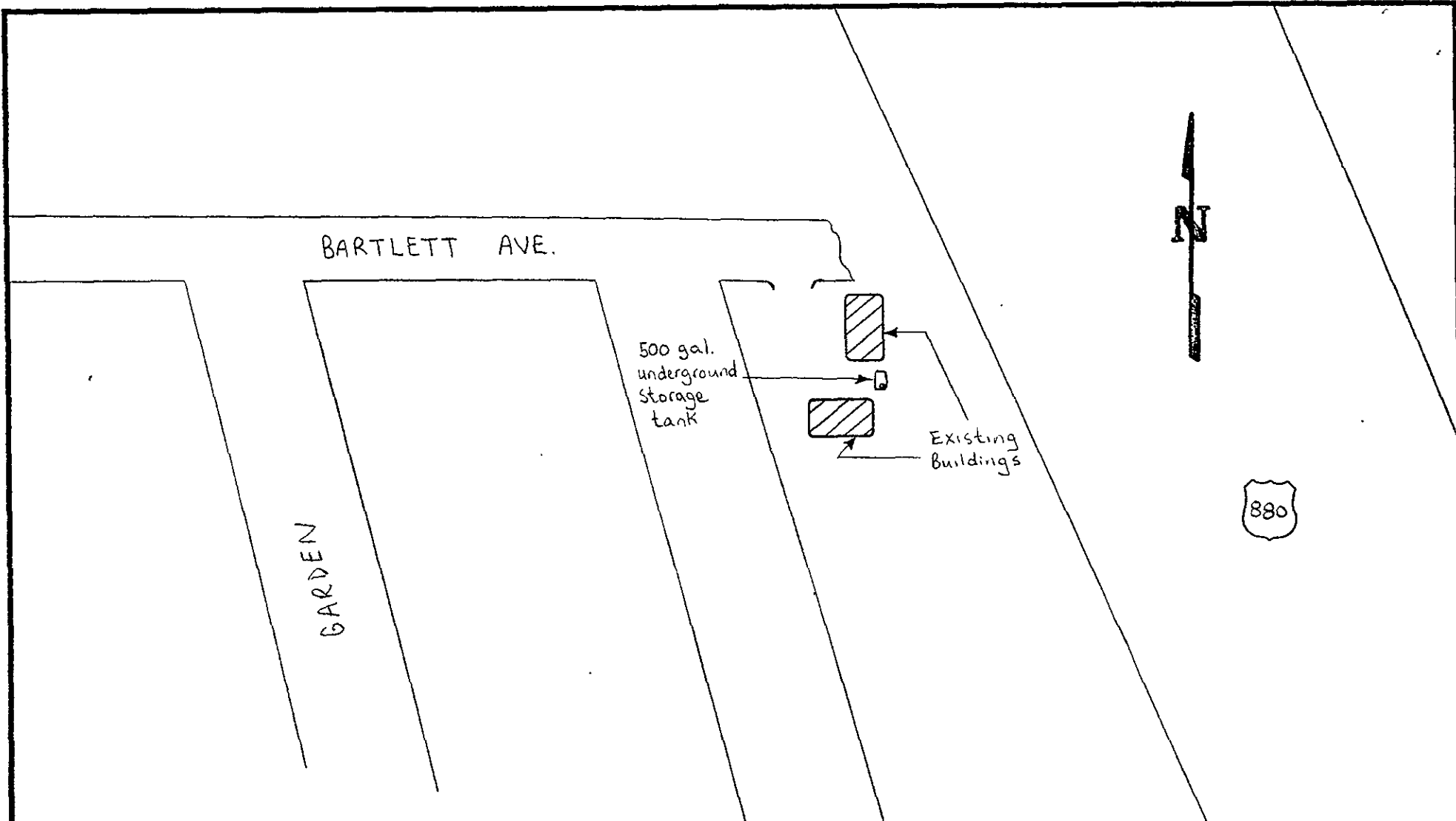
1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

Tentative Schedule

STATE WATER RESOURCES CONTROL BOARD
SEMINAR ON UNDERGROUND STORAGE TANK INSTALLATION, INSPECTION,
TESTING, MONITORING, CLOSURE, ETC.

DAY 1

8:30-9:00	STATE REGULATORY UPDATE	DAVID HOLTRY SWRCB
9:00-10:00	TANK TESTING PROTOCOL/EPA EDISON RESULTS	JOE MARESCA VISTA RESEARCH
10:00-10:15	BREAK	
10:15-11:00	TESTING LARGE TANKS AND A REVIEW OF 30 POTENTIAL ERRORS IN TANK TESTING	JOHN MASTANDREA NDE TECHNOLOGY
11:00-11:45	TANK TESTING AND EVALUATING TANK TEST REPORTS	ED HASSELMANN TANK AUDIT
11:45-1:00	LUNCH	
1:00-1:45	FIBERGLASS REINFORCED PLASTIC TANK MANUFACTURING AND INSTALLATION	REPRESENTATIVE FROM TANK MANUFACTURING CO.
1:45-2:30	STEEL TANK MANUFACTURING AND INSTALLATION	REPRESENTATIVE FROM TANK MANUFACTURING CO.
2:30-2:45	BREAK	
2:45-3:00	DHS STANDARDS FOR TANK CLEANING	MIKE GOLDEN FROM DEPT. OF HEALTH SERVICES
3:00-4:00	TANK CLOSURE AND REMOVAL	LOCAL AGENCY
4:00-4:30	TRANSPORT OF TANKS	REPRESENTATIVE FROM CA. HIGHWAY PATROL



Environmental Technology

SCALE: NONE	SITE SKETCH FOR: ANDERSON LIFT	DRAWN BY TM
DATE: 19 APR 89		REVISED
310 BARTLETT AVE. HAYWARD, CA		
260 Cristich Lane Campbell, CA 95008 (408) 559-1220		

MATERIAL SAFETY DATA SHEETS (MSDS)

All managers whose departments use chemicals must maintain a MPI or a complete file of Material Safety Data Sheets for all those chemicals used in their department. Copies of these documents can be obtained from the Safety Department.

MATERIAL SAFETY DATA SHEET					NPCA 1-72
FOR COATINGS, RESINS AND RELATED MATERIALS					
DATE OF PREP		Approved by U.S. Department of Labor, Essentially Similar to Form OSHA 201		I B M Corp	
Section I					
MANUFACTURER'S NAME: Lilly Industrial Coatings, Inc.					
STREET ADDRESS: 666 South California Street		CITY, STATE AND ZIP CODE: Indianapolis, Indiana 46225			
EMERGENCY TELEPHONE NO: (317) 634-8512					
PRODUCT CLASS:			MANUFACTURER'S CODE IDENTIFICATION:		
TRADE NAME: E-1742 EXEMPT CLOUD WHITE AIR DRY SMOOTH EPOXY					
Section II — HAZARDOUS INGREDIENTS					
INGREDIENT	PERCENT VOLUME	TLV		LEL	VAPOR PRESSURE mm or 20°C (68°F)
		PPM	mg/m ³		
Ethylene Glycol Monoethyl Ether	15	200	1.8	4	
Ethylene Glycol Monoethyl Ether Acetate	15	100	1.7	1.2	
Butyl Acetate	15	150	1.7	8	
MIBK	10	100	1.3	16	
Section III — PHYSICAL DATA					
BOILING RANGE: 118-156 & 244-313°F		VAPOR DENSITY: <input checked="" type="checkbox"/> HEAVIER <input type="checkbox"/> LIGHTER THAN AIR			
EVAPORATION RATE: <input type="checkbox"/> FASTER <input checked="" type="checkbox"/> SLOWER THAN ETHER		PERCENT VOLATILE BY VOLUME: 55%		WEIGHT PER GALLON: 10.6 ± 0.2	
Section IV — FIRE AND EXPLOSION HAZARD DATA					
DOT CATEGORY: Flammable — Red Label		FLASH POINT: 76°C (61°F) (cc)		LEL: See Sec II	
EXTINGUISHING MEDIA: Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical or foam) designed to extinguish Class B fires.					
UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Do not apply to hot surfaces.					
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.					

MATERIAL SAFETY DATA SHEETS (MSDS)

Section V — HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE: See Section II	
EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. Skin or Eye Contact: Primary irritation.	
EMERGENCY AND FIRST AID PROCEDURES: Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (skin): Remove with soap and water. Remove contaminated clothing.	
Section VI — REACTIVITY DATA	
STABILITY: <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	
INCOMPATIBILITY (Materials to avoid): NA	
HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain carbon monoxide and oxides of nitrogen.	
HAZARDOUS POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	
CONDITIONS TO AVOID: NA	
Section VII — SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.	
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.	
Section VIII — SPECIAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION: In outdoor or open areas use Bureau of Mines approved mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use Bureau of Mines approved chemical mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use Bureau of Mines approved air line type respirators or hoods.	
VENTILATION: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredient in Section II below acceptable limit. LEL in Section IV below stated limit and to remove decomposition products during welding or flame cutting on surfaces coated with this product.	
PROTECTIVE GLOVES: Required for prolonged or repeated contact.	
EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.	
OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact with contaminated clothing.	
Section IX — SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120°F (49°C). Store large quantities in buildings designed for storage of NFPA Class II flammable liquids.	
OTHER PRECAUTIONS: Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches. Do not flame cut, braze or weld without U.S. Bureau of Mines approved respirator or appropriate ventilation.	

ALAMEDA COUNTY
SAFETY PLAN

The following Safety Plan should be completed by the Project Manager and must be approved by the Health Safety Officer and Field Safety Officer prior to the performance of all work related to the handling, transport or disposal of hazardous materials.

Project Manager to fill in the following:

Job No: _____ Project Name: Anderson Lift _____

Project Manager: Gary DellaVeccia _____

Project Personnel: Kevin Ogle, Jim Bello, Todd Murray _____

Others: _____

SITE LOCATION: 310 Bartlett Ave., Hayward, CA 94541 _____

WORK DESCRIPTION:

Objectives: Remove and dispose of one 500 gallon
underground gasoline storage tank including related
accessible lines.

Methods: Removal (pumping out) of contents found in the tanks; exposing of the
tanks for excavation; excavation of the tanks; collection of soils samples;
provide for the proper disposal of the tanks; removing soils materials that
appear to be contaminated; backfill excavation.

ANTICIPATED CHEMICAL CONTAMINANTS:

<u>Chemical</u>	<u>Max. Concentrations (ppm/ppb)</u>
<u>Gasoline (leaded)</u>	<u>virgin product</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

HAZARD ASSESSMENT:

<u>Chemical</u>	<u>TWA</u>	<u>STEL</u>
Gasoline	NR	

Notes: TWA: 8 hour time-weighted average.
 STEL: Short-term exposure limit (usually 15 minutes) as established by American Conference of Governmental Industrial Hygenists (ACGIH).
 NR: Denoted not regulated.

SERVICE LINES AND PIPES (include location as necessary): Briefly describe any piping in the work area, including a description of markings on the pipes. Attach diagrams of immediate work area.

BE SURE TO INDICATE ON A SITE MAP !!

PROTECTIVE EQUIPMENT NEEDED:

- hard hats
- gloves
- coveralls (disposable)
- OVA
- safety goggles
- boots
- respiration
- explosimeter
- dredger tubes
- radiation meter
- others (specify): _____

DISPOSAL OF CONTAMIANATED MATERIAL:

	Type of Contamination	Method of Disposal
<input type="checkbox"/> protective clothing	_____	_____
<input checked="" type="checkbox"/> ground water and soils	_____	<u>Class 1 Landfill</u>
<input checked="" type="checkbox"/> equipment	_____	<u>Steam or TSP</u>
<input checked="" type="checkbox"/> rinse water	_____	<u>Solididfed- Class 1 Landfill</u>
<input type="checkbox"/> other: _____	_____	_____

METHODS OF DISPOSAL:

1. Put into waste drums
2. Rinse thoroughly and re-use
3. Not applicable

Field safety officer is responsible for determining proper disposal methods.

EMERGENCY EQUIPMENT:

- first aid kit (mandatory)
- others (specify) _____
- welding equipment
- spill containment kit
- repair kits (specify) _____

POSSIBLE EMERGENCIES:

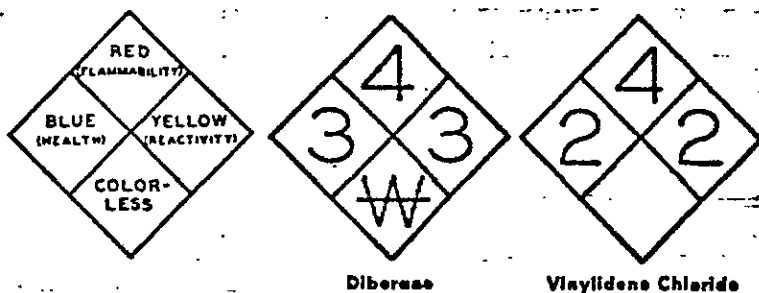
- fire
- spills
- contamination
- ruptured lines

MATERIAL SAFETY DATA SHEETS (MSDS);

- Available (please attach)
- Not Available

called initiating explosives) are comparatively sensitive to friction, impact (blows), shock, and heat. Primary high explosives differ widely in properties, and it is not to be inferred that those listed are equally hazardous. *Secondary high explosives* generally require initiation by a primary explosive.

Hazard Identification System. The diamond-shaped diagram shown for each chemical gives at a glance a general idea of the inherent hazards of the chemical and the order of severity of these hazards under emergency conditions such as spills, leaks and fires. The Hazard Identification System is not intended to identify the nonemergency health hazards of chemicals. Based on the hazard identification system in "Recommended System for the Identification of the Fire Hazards of Materials, NFPA No. 704M," the diagram provides planning guidance to fire departments for safe tactical procedures in emergency operations, gives on-the-spot information to safeguard the lives of fire fighting personnel and the others who may be exposed, and provides plant design engineers, plant protection and safety personnel with a means of identifying hazardous materials and areas in which they are stored.



The diagram identifies the "health," "flammability" and "reactivity" (instability and water reactivity) of a chemical and indicates the order of severity of each hazard by use of one of five numeral gradings, from four (4), indicating the severe hazard or extreme danger, to zero (0), indicating no special hazard. In the diamond-shaped diagram "health" hazard is identified at the left, "flammability" at the top, and "reactivity" at the right.

The bottom space is primarily used to identify unusual reactivity with water. A W with a line through its center \overline{W} alerts fire fighting personnel to the possible hazard in use of water. This bottom space may be also used to identify a radiation hazard by the symbol \otimes . Oxidizing chemicals are identified in the bottom space by OXY.

To supplement the spatial arrangement, NFPA No. 704M recommends the use of colored backgrounds or colored numbers to identify the hazard categories — blue for "health," red for "flammability," yellow for "reactivity." Examples of spatial arrangement and color schemes are shown on the preceding page.

For a detailed description of the hazard identification system used here, see "Recommended System for the Identification of the Fire Hazards of Materials, NFPA No. 704M, 1969 Edition."

The following paragraphs summarize the meanings of the numbers in each hazard category and explain what a number should tell fire fighting personnel about protecting themselves and how to fight fires where the hazard exists.

Health

- 4 A few whiffs of the gas or vapor could cause death; or the gas, vapor, or liquid could be fatal on penetrating the fire fighters' normal full protective clothing which is designed for resistance to heat. For most chemicals having a Health 4 rating, the normal full protective clothing available to the average fire department will not provide adequate protection against skin contact with these materials. Only special protective clothing designed to protect against the specific hazard should be worn.
- 3 Materials extremely hazardous to health, but areas may be entered with extreme care. Full protective clothing, including self-contained breathing apparatus, rubber gloves, boots and bands around legs, arms and waist should be provided. No skin surface should be exposed.
- 2 Materials hazardous to health, but areas may be entered freely with self-contained breathing apparatus.
- 1 Materials only slightly hazardous to health. It may be desirable to wear self-contained breathing apparatus.
- 0 Materials which on exposure under fire conditions would offer no health hazard beyond that of ordinary combustible material.

SANTA RITA
ALAMEDA COUNTY

ENVIRONMENTAL INCIDENT NOTIFICATION LIST

AGENCY	PHONE NUMBER	TIME NOTIFIED	NAME OF PERSON REPORTED TO
Fire Department	911 or		
State Office of Emergency Services	(800) 852-7550		
National Response Center	(800) 424-8802		
Water Quality Board	(415) 464-1255		
Fish & Game (day) (night & weekends)	(415) 326-0324 (415) 557-0220		
Client Phone Number(s)*	415-785-3911 or 415-582-1748		
Bay Area Air Quality Management**	(415) 771-6000		
Department of Health (Alameda County)	(415) 874-7237 or (415) 874-6794		
Department of Health (California)	(415) 540-2043		
Coast Guard	(415) 437-3073		
Environmental Protection Agency	(415) 974-8131		
Alameda County Water District	(415) 659-1970		
Environmental Technology Phone Numbers.			

* Notify Client IMMEDIATELY

** For releases or threatened releases to air from any type of an incident.

Flammability

- 4 Very flammable gases, very volatile flammable liquids, and materials that in the form of dusts or mists readily form explosive mixtures when dispersed in air. Shut off flow of gas or liquid and keep cooling water streams on exposed tanks or containers. Use water spray carefully in the vicinity of dusts so as not to create dust clouds.
- 3 Liquids which can be ignited under almost all normal temperature conditions. Water may be ineffective on these liquids because of their low flash points. Solids which form coarse dusts, solids in shredded or fibrous form that create flash fires, solids that burn rapidly, usually because they contain their own oxygen, and any material that ignites spontaneously at normal temperatures in air.
- 2 Liquids which must be moderately heated before ignition will occur and solids that readily give off flammable vapors. Water spray may be used to extinguish the fire because the material can be cooled to below its flash point.
- 1 Materials that must be preheated before ignition can occur. Water may cause frothing of liquids with this flammability rating number if it gets below the surface of the liquid and turns to steam. However, water spray gently applied to the surface will cause a frothing which will extinguish the fire. Most combustible solids have a flammability rating of 1.
- 0 Materials that will not burn.

Reactivity

- 4 Materials which in themselves are readily capable of detonation or of explosive decomposition or explosive reaction at normal temperatures and pressures. Includes materials which are sensitive to mechanical or localized thermal shock. If a chemical with this hazard rating is in an advanced or massive fire, the area should be evacuated.
- 3 Materials which in themselves are capable of detonation or of explosive decomposition or of explosive reaction but which require a strong initiating source or which must be heated under confinement before initiation. Includes materials which are sensitive to thermal or mechanical shock at elevated temperatures and pressures or which react explosively with water without requiring heat or confinement. Fire fighting should be done from an explosion-resistant location.
- 2 Materials which in themselves are normally unstable and readily undergo violent chemical change but do not detonate. Includes materials which can undergo chemical change with rapid release of energy at normal temperatures and pressures or which can undergo violent chemical change at elevated temperatures and pressures. Also includes those materials which may react violently with water or which may form potentially explosive mixtures with water. In advanced or massive fires, fire fighting should be done from a protected location.

Reactivity (Continued)

- 1 Materials which in themselves are normally stable but which may become unstable at elevated temperatures and pressures or which may react with water with some release of energy but not violently. Caution must be used in approaching the fire and applying water.
- 0 Materials which are normally stable even under fire exposure conditions and which are not reactive with water. Normal fire fighting procedures may be used.

EXXON COMPANY, U.S.A.
A DIVISION OF EXXON CORPORATION

DATE ISSUED 7/1/85

MATERIAL SAFETY DATA SHEET
EXXON COMPANY, U.S.A. P.O. BOX 2180 HOUSTON, TX 77252-2180

A. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME
EXXON GASOLINE

PRODUCT CODE
030000 - 00380

CHEMICAL NAME
Motor Gasoline

CAS NUMBER
Complex Mixture
CAS Number not applicable

PRODUCT APPEARANCE AND ODOR
Clear colored liquid (typically orange)
Gasoline hydrocarbon odor

EMERGENCY TELEPHONE NUMBER
(713) 656-3424

B. COMPONENTS AND HAZARD INFORMATION

COMPONENTS

CAS NO. OF COMPONENTS **APPROXIMATE CONCENTRATION**

Product is a variable complex mixture of components, principally hydrocarbons, blended to performance, rather than chemical, specifications.

See Section E for Health and Hazard Information.

EXPOSURE LIMIT FOR TOTAL PRODUCT
100 ppm (300 mg/m³) for an
8-hour workday

BASIS
Recommended by Exxon. The American Conference of Governmental Industrial Hygienists (ACGIH) lists Threshold Limit Value (TLV) of 300 ppm (900 mg/m³) for an 8-hour workday.

C. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

INHALATION

If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately.

D. FIRE AND EXPLOSION HAZARD INFORMATION**UNUSUAL FIRE AND EXPLOSION HAZARD**

EXTREMELY FLAMMABLE VAPORS CAN EXPLODE

FLASH POINT (MINIMUM)

Approximately -38°C (-36°F)

AUTOIGNITION TEMPERATURE

Approximately 456°C (853°F)
National Fire Protection Association's
Guide on Hazardous Materials

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)

Estimated values: Lower Flammable Limit 1.4% Upper Flammable Limit 7.6%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition (1984):

Use dry chemical, foam or carbon dioxide. Water may be ineffective, but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

NOTE: The inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

"EMPTY" CONTAINER WARNING

"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

E. HEALTH AND HAZARD INFORMATION**VARIABILITY AMONG INDIVIDUALS**

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

To: Seniors

From: Lowell Miller

Subject: HW Minimization Training

Date: 2/17/89

Please designate one person, in addition to yourself, to attend a Hazardous Waste Minimization Conference on either March 8, 1989 in San Jose, or March 9 in Sacramento.

Attached is the necessary information regarding registration.

SJ
TP
LM
GW
SS
EH

Sacto
LS
AL
DB

No
KC (last week)
MM →
MK

Katherine NO + Ed.
Scott - March 9 Sacto - Come to S.J.

Alternative Technology Section

Applied Technology Program

Waste Reduction Program

Siting & Standards Program

Remedial Technology Unit

Waste Reduction Unit

Treatment Standards Unit

Alternative Technology Unit

Resource Recovery Unit

Land Disposal Restrictions Unit

Waste Evaluation Unit

Technology Clearinghouse Unit

Planning Unit

Technical Reference Library

Waste Minimization Plan

← At this point, all that we can ask for.

1. Written Comp. Policy Statement
2. Data - how waste generated
3. Mass balance, air, land, water
4. Measurement too, waste produced, unit of production

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure)

High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, may cause unconsciousness, and may have other central nervous system effects.

Prolonged or repeated liquid contact with the skin will dry and defat the skin, leading to possible irritation and dermatitis.

TOXICITY INFORMATION

This product may contain up to a maximum of 4.9 weight percent benzene, CAS No. 71-43-2, as a natural constituent of various gasoline blend components. Benzene can cause anemia and other blood diseases, including leukemia (cancer of the blood-forming system), after repeated or prolonged exposures at high concentrations (e.g., 50-500 ppm). It has also caused fetal defects in tests on laboratory animals. Exxon's recommended OEL for benzene is 5 ppm for an 8-hour period, or 250 ppm-minutes over a 5- to 30-minute period.

Contains light hydrocarbon components. Lifetime studies by the American Petroleum Institute have shown that kidney damage and kidney cancer can occur in male rats after prolonged inhalation exposures at elevated concentrations of total gasoline. Kidneys of mice and female rats were unaffected. The implication of these data for humans has not been determined, particularly since most human exposures are to light components, not to total gasoline. Certain components, such as normal hexane, may also affect the nervous system at high concentrations (1000 to 1500 ppm). Typically, n-hexane represents 1 to 3% of gasoline. May contain a combined concentration of toluene, CAS No. 108-88-3, and xylene, CAS No. 1330-20-7, ranging from approximately 5 to 50%.

Contains organic lead alkyl additives up to a max. of 4.2 gm lead/gallon.

Product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause severe pulmonary injury or death.

F. PHYSICAL DATA

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE

Approximately 21°C (70°F) IBP
to 227°C (440°F) FBP

SPECIFIC GRAVITY (15.6 C/15.6 C)

Approximately 0.74

MOLECULAR WEIGHT

Complex mixture, components vary
from approximately 45 to 185

pH

Essentially neutral

POUR, CONGEALING OR MELTING POINT

Less than -38°C (-36°F)
Pour Point by ASTM D 97

VISCOSITY

Approximately 0.5 cSt @ 25°C

VAPOR PRESSURE

Varies seasonally from approximately
5 to 15 psi Reid Vapor Pressure

VAPOR DENSITY (AIR = 1)

Approximately 5

PERCENT VOLATILE BY VOLUME

100

EVAPORATION RATE @ 1 ATM. AND 25 C (77 F)

(n-BUTYL ACETATE = 1)
Approximately 10-11

SOLUBILITY IN WATER @ 1 ATM. AND 25 C (77 F)

Negligible; less than 0.1%

G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

DRAFT

- c) Generator and TSD copies of wastes shipped and received.
- d) Bill of lading for decontaminated tanks
- e) Attachment A summarizing laboratory results

17. Signature

Name (please type) _____

Signature _____

Date _____

H. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, flammable vapors from absorbed material.

I. PROTECTION AND PRECAUTIONS

VENTILATION

Provide greater than 60 feet per minute hood face velocity. Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation required sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Tanks that have been in leaded gasoline service may have lead-containing residue. Special precautions needed in cleaning. See American Petroleum Institute publications 2013, 2015 and 2015A. Use explosion-proof equipment. No smoking or open lights.

To minimize fire or explosion risk from static charge accumulation and discharge, effectively ground product transfer system in accordance with the National Fire Protection Association standard for petroleum products.

For use as a motor fuel only. Do not use as a cleaning solvent, or thinner, or for other non-motor fuel uses. Do not siphon by mouth. Minute amounts of liquid gasoline aspirated into the lungs may cause potentially fatal chemical pneumonitis.

PERSONAL HYGIENE

Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

J. TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

This form is issued by:

TRUCK INSURANCE EXCHANGE

MID-CENTURY INSURANCE COMPANY

CERTIFICATE OF WORKERS COMPENSATION INSURANCE

Employer Address: STUART SOLOMON & DAVID WHITMAN
DBA: ENVIROMENTAL TECHNOLOGY
260 CRISTICH LANE
CAMPBELL CA 95008

Agent
96 62 380

N05-08 36 44
Policy Number
of the Company
X'd above

88
Policy
Year

Certificate Effective: From 2-9-89 to 9-10-89

DESCRIPTION OF OPERATIONS AND LOCATIONS COVERED

ALL OPERATIONS COVERED

ALL LOCATIONS COVERED

When countersigned by our authorized representative, this certificate supersedes any previously issued certificates. It certifies that the above described policy of Workers Compensation insurance has been issued to the above employer. This certificate or verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed, nor shall the above described policy be amended, extended or altered by any requirement, term or condition of any other contract or document with respect to which this certificate or verification of insurance may be issued or may pertain.

It is agreed that upon cancellation or termination of the described policy for any cause, we will give you TEN days notice in writing.

Dated 2-15-89

Countersigned

D. [Signature]

Authorized Representative

