

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

StID 1463

March 22, 1993

Mr. Sumadhu Arigala
San Francisco Bay-RWQCB
2101 Webster St., Ste. 500
Oakland, CA 94612

**Subject: Site Closure Recommendation for Tommy's Body Shop,
22383 Meekland, Hayward, CA 94541**

Dear Mr. Arigala:

Attached please find a copy of Blaine Tech Services' Tank Removal Sampling Report, dated February 15, 1991, for the above referenced site. This report documents soil sampling procedures and results of laboratory analyses from samples collected during the removal of a 1000 gallon gasoline underground storage tank on January 29, 1991.

Two soil samples collected from native soil beneath the UST did not exhibit detectable amounts of TPH-G or BTEX. One discrete soil sample taken from the stockpiled soil (two cubic yards) exhibited 74ppm TPH-G, 0.73ppm toluene, 1.1ppm ethyl-benzene, and 6.5ppm xylene. There were no detectable levels of benzene.

It is unclear what has become of the stockpiled soil. Contacts with Blaine Tech Services, R.L. Stevens, and Vasco Road Landfill could not produce any receipts or bills of lading for the disposal of this contaminated soil.

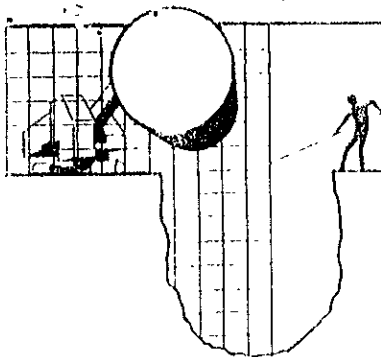
Should the contaminated soil had been used to backfill the UST pit I do not feel the level of contaminants and the quantity of contaminated soil would pose any health risk to the beneficial uses of ground water in the area in proximity to the subject site. It is my opinion that this case should be reviewed by the RWQCB for potential case closure. Please contact me at (510) 271-4530 should you need any additional information.

Sincerely,

Eva Chu
Hazardous Materials Specialist

cc: Thomas Eplin, 3649 East Ave, Hayward, CA 94541
Edgar Howell/files

tommys



BLAINE TECH SERVICES INC.

1370 TULLY RD., SUITE 505
SAN JOSE, CA 95122
(408) 995-5535

February 15, 1991

R.L. Stevens
22240 Meekland Avenue
Hayward, CA 94541

Attn: Bob Stevens

SITE:
Tommy's Body Shop
22383 Meekland Avenue
Hayward, California

PROJECT:
Tank Removal

SAMPLED ON:
January 29, 1991

TANK REMOVAL SAMPLING REPORT 910129-G-1

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. does not participate in the interpretation of analytical results or become involved with the marketing or installation of remedial systems. The interpretation of results should be performed by representatives of interested regulatory agencies and/or those professionals who are engaged as paid consultants in the business of providing opinions and proposals for further investigation or clean-up activities.

This report describes the initial environmental sampling and documentation performed by our firm on this project. In addition to the text of the Sampling Report, supporting documents are provided as attachments. These include the chain of custody and the certified analytical laboratory report. All of these documents should be kept together and preserved as a file of interrelated records which, together, comprise the documentation of the work performed at the site.

Scope of Requested Services

In accordance with your request, field personnel would be dispatched to the site to collect samples following the removal of an underground storage gasoline tank. We would arrange for the proper analyses of the samples, and maintain adequate documentation resulting in the issuance of a formal Sampling Report. The collection of environmental samples was to be performed in accordance with the requirements of the Regional Water Quality Control Board and the specific directions of the Local Implementing Agency (LIA) inspector present at the site at the time of removal.

Execution of the Tank Removal Sampling

Personnel were dispatched from our office and arrived at Tommy's Body Shop on Monday, January 29, 1991.

The subject site is located within the overall jurisdiction of the Regional Water Quality Control Board -- San Francisco Bay Region. Initial inspection and evaluation of the site is customarily conducted by the local implementing agency (LIA), which was the Alameda County Health Agency. The local implementing agency was represented by Ms. Pamela J. Evans, who was present to observe the tank removal and sampling.

Mr. James Ferdinand of the Eden Consolidated Fire Protection District, was present to observe the tank removal.

Tommy's Body Shop was represented by Mr. Tom Eplin, the property owner.

In accordance with the local regulations and the field judgment of the LIA representative, a brief inspection was made of the tank following its removal from the subsurface. No holes were observed.

TANK I.D.	SIZE IN GALLONS	TANK CONTENT	MATERIAL OF CONSTRUCTION	INSPECTION FOUND
A	1,000	GASOLINE	STEEL	NO HOLES

Standard RWQCB interface samples were taken of the native soil at points corresponding to both ends of the tank. A discrete stockpile sample were also obtained. The sampling was performed in accordance with the direction of the LIA representative, Ms. Evans. In the paragraphs that follow, the samples are described in the order in which they were collected:

Sample #1 was a standard interface sample taken at the fill pipe end of the tank at a depth of six feet (6.0') below grade.

Sample #2 was a standard interface sample taken from the end opposite the fill pipe at a depth of six and a half feet (6.5') below grade.

Sample #3 was a discrete sample taken from the stockpiled soil generated during the removal of the tank. The stockpile was estimated to contain approximately two cubic yards of soil. The sample container of soil was collected by clearing away the upper six to twelve inches (6"-12") of soil, and then forcing the sample container into the newly exposed soil.

The location of individual sampling points is shown on the diagram on page four. Additional information on the exact method of sample collection will be found in the **Sampling Methodology** section of this report.

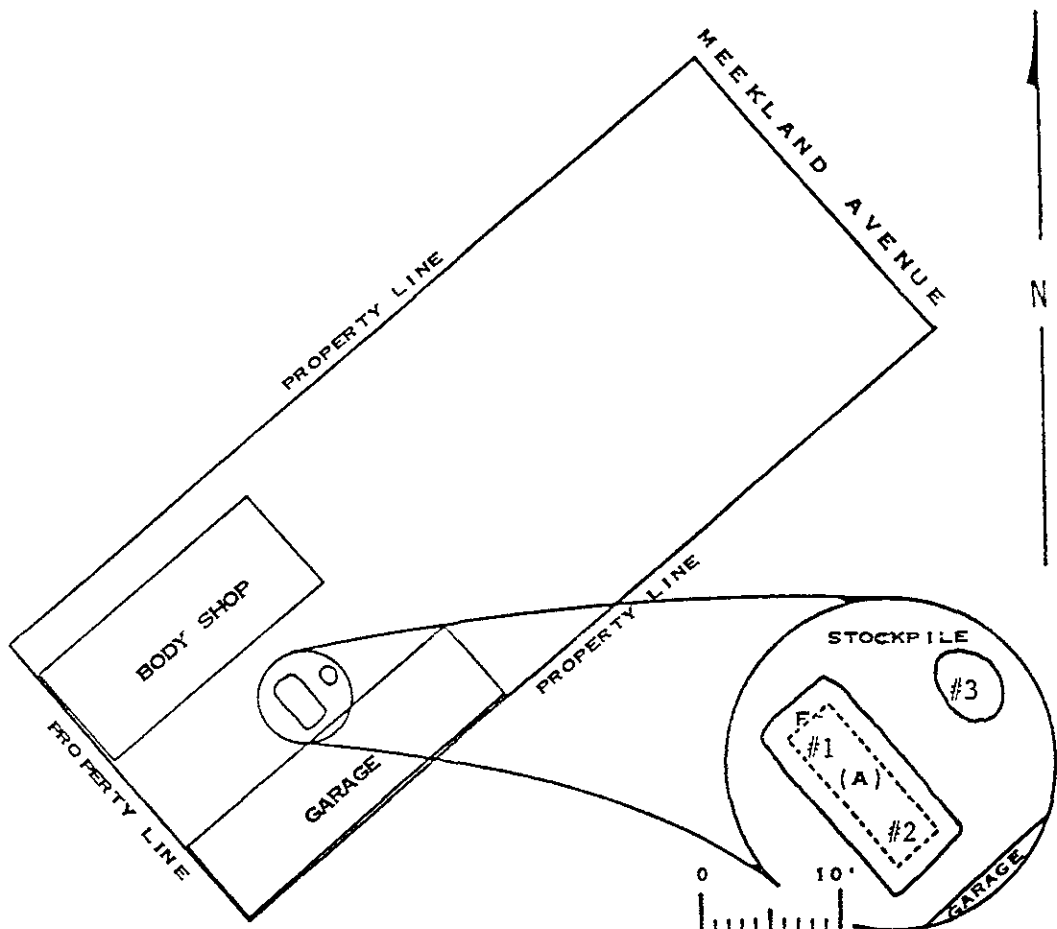
After completion of the field work, the sample containers were delivered to Sequoia Analytical Laboratory in Redwood City, California. Sequoia Analytical Laboratory is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #1210.

It was requested that the analytical procedures used for these analyses be those specified by the Regional Water Quality Control Board -- San Francisco Bay Region. The methods are defined in attachments to the San Francisco RWQCB (Region 2) publication, Guidelines For Addressing Fuel Leaks and in documents issued to clarify the Board's interpretation of the California LUFT Manual.

SAMPLING METHODOLOGIES USED ON THIS PROJECT

Standard RWQCB Interface Samples: Samples taken immediately following a tank removal are required to conform to criteria established by the Regional Water Quality Control Boards. Interpretation of these criteria is usually entrusted to the discretion of the local implementing agency inspector, but are widely known and conformance with these criteria is expected even when no regulatory agency personnel are present to direct the procedures. Accordingly, "Standard Interface samples" are those which have been taken in accordance with the standard protocol for obtaining interface samples. These samples fall into the category of samples which are known to be of primary concern to the interested regulatory agencies for determining if additional action will be required at a site and the methodology has been closely defined in state and RWQCB publications, supplements, and presentations. These specify both the acceptable depth and lateral situation of sample collection points. In accordance with these specifications, sample collection is executed as close as possible to the center line (longitudinal axis) of the tank and on a vertical axis with the fill pipe. A corresponding location is also found at the opposite end of the tank whenever standard interface samples are being collected.

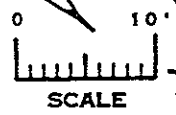
Briefly, the method consists of digging up native soil from directly below the fill pipe and the corresponding opposite end of the tank and obtaining a sample from the backfill/native soil interface or a short distance below the interface. A short distance has been defined by Region 2 Board engineers as not greater than twenty-four inches below the backfill/native soil interface and is generally taken to be one foot below the backfill/native soil interface.



SCALE: 
MAP REF: THOMAS BROS.
ALAMEDA COUNTY
P. 58 C-2

LEGEND: F = FILL END

- #1 SOIL SAMPLE FROM 6.0'
ANALYSIS FOR TOTAL PETROLEUM
HYDROCARBONS (TPH) AS GASOLINE,
BENZENE, TOLUENE, XYLENES, AND
ETHYLBENZENE (BTXE) AT SEQUOIA
ANALYTICAL LABORATORY
SEQUOIA LAB NO.101-3288
- #2 SOIL SAMPLE FROM 6.5'
ANALYSIS FOR TPH AS GASOLINE, BTXE
SEQUOIA LAB NO.101-3289
- #3 STOCKPILE SOIL SAMPLE
ANALYSIS FOR TPH AS GASOLINE, BTXE
SEQUOIA LAB NO.101-3290



ENLARGEMENT OF
GASOLINE STORAGE
TANK PIT AND
STOCKPILE

SAMPLING PERFORMED BY CHUCK GRAVES
DIAGRAM PREPARED BY LEAH MORRIS

This soil is brought up in the backhoe bucket. A shovel or trowel is used to cut away surface soil and backfill material which may have been included in the bucket, and the sample is taken by pushing or driving a brass sample liner into the newly exposed soil from the designated depth and location. Additional clarifications by Region 2 Board engineers have indicated that when there is an obvious difference in the relative contamination of soil brought up from the interface depth, then it is the relatively more contaminated soil that should be selected for inclusion in the sample.

Stockpile Survey (Modified BAAQMD Protocol): This sampling follows a survey pattern, but uses a modified BAAQMD protocol for sampling stockpiles of material that have been newly removed from a tank pit excavation. This protocol calls for a discrete sample container to be collected for every 12.5 cubic yards of material. The survey includes opposite sides of the stockpile. Strict observance of the BAAQMD protocol (for purposes of evaluating the levels of fuel vapor likely to be discharged from a stockpile) calls for inclusion of the surface material in the brass liner which is driven into the pile at a right angle (to the angle of repose) until the liner is full. Unless specifically asked to follow the BAAQMD protocol, our personnel routinely modify the procedure to exclude the surface soil and collect soil from a depth of eight to eighteen inches. While this prejudices the sample in the direction of yielding higher results than would a strict BAAQMD sample, it is more representative of the levels of fuel hydrocarbons present in the soil and is not likely to mislead the client or contractor into offhauling or backfilling with soil stockpiles that are relatively clean at the surface, but unacceptably contaminated through the remainder of their volume.

Sample Containers

Our firm uses new sample containers of the type specified by either EPA or the RWQCB for the collection of samples at sites where underground storage tanks are involved. Soil samples for volatile, semivolatile and nonvolatile analyses are all collected in properly prepared new brass liners which are 2 inches in diameter by 4 inches in length. Closure is accomplished with press fit plastic end caps which are fitted to the open ends of brass tube liners after a sheet of aluminum foil is wrapped over the exposed sample material. No preservative other than cold storage is used on samples captured in sample containers of this type.

Sample Handling Procedures

Solid sample material is captured by advancing the liner into the soil. This may be done by pushing the liner into soft soils or by containing the liner in a drive shoe which can be advanced and then retracted by means of a slide hammer. The open ends of the sample liner are covered with aluminum foil and plastic end caps. The brass liner is then labeled with the appropriate identification numbers which specify the sampling activity designation number, sample collection area, depth etc. that apply to that particular sample. The sample liner is then placed in an ice chest which contains pre-frozen blocks of an inert ice substitute such as Blue Ice or Super Ice.

Sample Designations

All sample containers are identified with both a sampling event number and a discrete sample identification number. Please note that the sampling event number is the number that appears on our chain of custody. It is roughly equivalent to a job number, but applies only to work done on a particular day of the year rather than spanning several days as jobs and projects often do. This is followed by the sample I.D. number which is usually a simple number such as #1, #2, #3.

Chain of Custody

Samples are continuously maintained in either a chilled ice chest, refrigerator, or freezer from the time of collection until acceptance by the State certified Hazardous Materials Testing Laboratory selected to perform the analytical procedures. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date, and signature of person releasing the samples followed by the time, date and signature of the person accepting custody of the samples).

Laboratory Identification Numbers

Following receipt of the samples and completion of the Chain of Custody form, the laboratory then assigns their own identification numbers to the samples. Different laboratories use different numbering systems and, according to their own internal conventions, may or may not assign sequential numbers to samples which are placed on temporary "hold", pending the results of other analyses. Laboratory identification numbers (if assigned and available) are included on the DIAGRAM page, and will be found on the certified analytical report by the analytical laboratory.

Certified Analytical Report

The certified analytical report generated by the laboratory is the official document in which they issue their findings. The certified analytical report is included as an attachment at the close of this report.

General Advisory on Positive Results

Blaine Tech Services, Inc. provides sampling and documentation. The proper technical execution of this work demands a high level of dedication to the principle that data gathering should be performed by impartial individuals who are also disinterested in the outcome of the analytical procedures. To function as a disinterested and independent third party Blaine Tech Services, Inc. makes it a policy to not become involved in either the interpretation of results or the sale of any consulting services or remediation packages. There are an ample number of firms who can provide consulting services and make proposal on whatever level of work they feel should be undertaken.

Even though we do not engage in the interpretation of analytical results, the making of recommendations, or the issuance of proposals on how best to remediate environmental conditions, we have been asked by the engineering staff of the Regional Water Quality Control Board to include in our reports an advisory section outlining the general type of additional actions which may be required when contamination is found. This advisory is not intended to characterize conditions at this particular site or replace the services of a consulting firm specializing in the investigation, characterization and remediation of such conditions as may exist. Rather, it is intended to advise you that such additional actions may be required even though some time may elapse before you are contacted by one of the interested regulatory agencies.

In Region 2 (which is regulated by the San Francisco Regional Water Quality Control Board), the thresholds are readily defined in the Board's publication, Guidelines For Addressing Fuel Leaks. According to this document, soil which has less than 100 parts per million total petroleum fuel hydrocarbon (TPH) contamination does not generally require immediate additional action. Board engineers emphasize that this does not mean that some action might not be required in the future. Still, the site is assigned a low priority unless it is situated in an area of high hydrogeologic concern.

The detection of more than 100 ppm TPH in the native soil beneath a tank is generally considered grounds for requiring an additional investigation in the form of soil borings and installation of at least one groundwater monitoring well followed by periodic monitoring. The detection of 1000 ppm TPH is usually viewed by the Board as an unacceptable level of fuel saturation which will mandate excavation of the effected ground down to the furthest practicable reach of conventional excavating machinery followed by soil borings and installation of groundwater monitoring wells.

Other regions use different standards for determining when a groundwater investigation will be required. For example benzene is often used in lieu of TPH. Even very low levels of benzene are often seen as grounds for requiring a subsurface investigation. This criteria may be relaxed or stiffened depending on the location of the site in relation to different groundwater systems, the depth to water, type of soil, and the concentrations of benzene involved.

The above standards apply only to fuels. When samples taken in connection with a waste oil tank or a solvent tank are found to contain even small amounts of any of the EPA priority pollutants (such as TCE, PCE, DCE etc. which are detected by EPA methods 8010, 8020, and 8240) more stringent standards are often applied. In these cases, soil borings and monitoring well installation may be required if there is any detectable amount of any of the EPA priority pollutant compounds.

When contaminants are found to have reached the water underlying a site, the Board customarily requires that additional work be undertaken in order to define the extent of the contamination.

Reportage

Submission to the Regional Water Quality Control Board and the local implementing agency should include copies of the sampling report, the chain of custody, and the certified analytical report issued by the Hazardous Materials Testing Laboratory. The property owner should attach a cover letter and submit all documents together in a package.

The following addresses have been listed here for your convenience:

Water Quality Control Board
San Francisco Bay Region
1800 Harrison Street
Room 700
Oakland, CA 94612
ATTN: Lester Feldman

Alameda County Health
Hazardous Materials Management
80 Swan Way, Room 200
Oakland, CA 94621
ATTN: Pamela J. Evans

Eden Consolidated Fire Protection District
427 Paseo Grande
San Lorenzo, CA 94580
ATTN: Battalion Chief James Ferdinand

Please call if we can be of any further assistance.



Richard C. Blaine

RCB/dmp

attachments: chain of custody
analytical report

BLAINE 1370 TULLY ROAD., SUITE 505
 TECH SERVICES INC SAN JOSE, CA 95122
 (408) 995 5535

CONDUCT ANALYSIS TO DETECT

LAB Sequoia DHS # 1210
 ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
 EPA RWOCB REGION II
 LIA
 OTHER

CHAIN OF CUSTODY
 910/29-G-1
 CLIENT R.L. Stevens
 SITE Tommy's Body Shop
22383 Meekland Ave
Hayward, CA

SAMPLE ID	MATRIX S - SOIL W - WATER H - HPC	CONTAINERS	
		TOTAL	Brass
# 1	S	1	X
# 2	S	1	X
# 3	S	1	X

C - COMPOSITE ALL CONTAINERS

PH-G, BTEX
 ✓
 ✓
 ✓

SPECIAL INSTRUCTIONS
 . BILL BTS

ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
	Routine		
	" "		
	" "		

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	1-29-91	1150	Charles M. Green	Routine	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Charles M. Green	1-29-91	1520	[Signature]	1-29-91	1520
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Blaine Tech Services
1370 Tully Rd., Suite 505
San Jose, CA 95122
Attention: Richard Blaine

Client Project ID: #919129-G-1, R.L. Stevens
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 101-3288

Sampled: Jan 29, 1991
Received: Jan 29, 1991
Analyzed: Feb 5, 1991
Reported: Feb 10, 1991

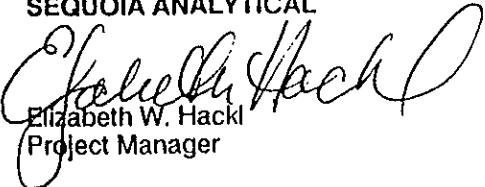
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
101-3288	#1	N.D.	N.D.	N.D.	N.D.	N.D.
101-3289	#2	N.D.	N.D.	N.D.	N.D.	N.D.
101-3290	#3	74	N.D.	0.73	1.1	6.5

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
-------------------	-----	--------	--------	--------	--------

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Elizabeth W. Hackl
Project Manager

1013288.BLA <1>



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Blaine Tech Services
1370 Tully Rd., Suite 505
San Jose, CA 95122
Attention: Richard Blaine

Client Project ID: #919129-G-1, R.L. Stevens

QC Sample Group: 1013288 - 1013290

Reported: Feb 10, 1991

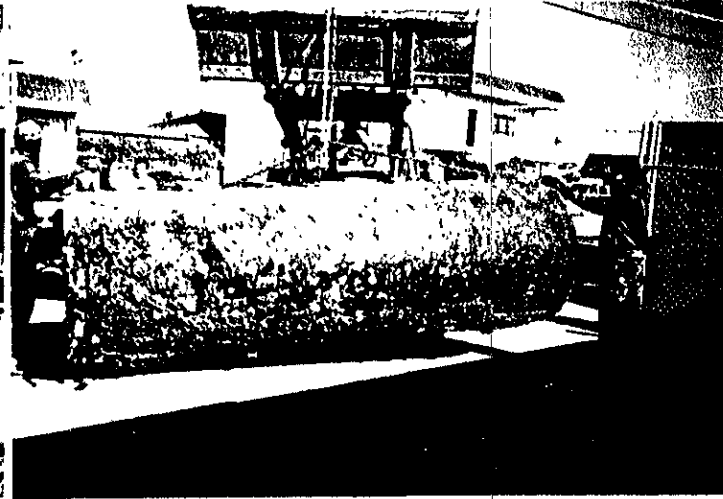
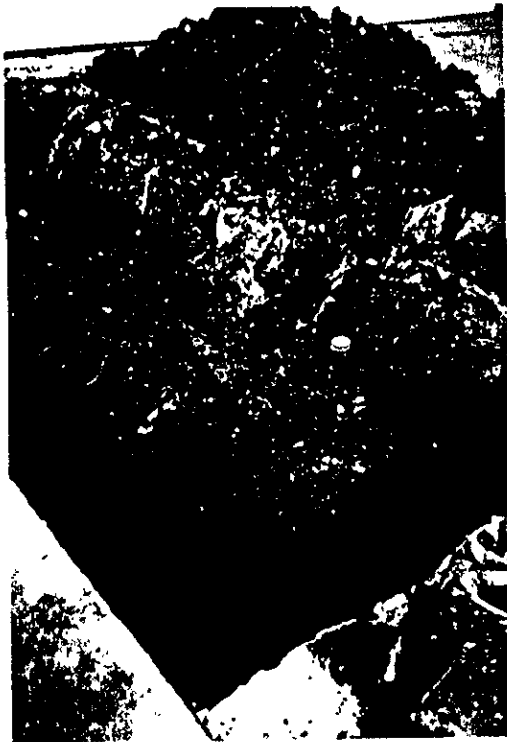
QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	L.G.	L.G.	L.G.	L.G.
Reporting Units:	ng	ng	ng	ng
Date Analyzed:	Feb 5, 1991	Feb 5, 1991	Feb 5, 1991	Feb 5, 1991
QC Sample #:	G1013403	G1013403	G1013403	G1013403
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	100	100	100	300
Conc. Matrix Spike:	120	100	95	280
Matrix Spike % Recovery:	120	100	95	93
Conc. Matrix Spike Dup.:	140	110	96	280
Matrix Spike Duplicate % Recovery:	140	110	96	93
Relative % Difference:	15	9.5	1.0	0.0

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Elizabeth W. Hackl
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION

80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 PHONE NO. 415/271-4326

91 APR 17 PM

REGISTRATION:
 THERE IS A FILING AT THE DIVISION NOT
 OBTAINING THESE REGULATIONS.

1:26
 ✓
 ✓
 OK 12/5/90

Not this Department. In fact, 48 hours prior to the
 for doing required permit first.

DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th Street, Third Floor
 OAKLAND, CA 94612
 Telephone: (415) 271-4326

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Tommy's Body Shop
 Business Owner Tom Eplin
2. Site Address 22383 MEEKLAND AVE.
 city HAYWARD, CALIF. zip 94541 Phone 581-1889
3. Mailing Address SAME AS ABOVE
 City _____ Zip _____ Phone 881-4973
4. Land Owner TOM EPLIM
 Address SAME AS ABOVE city, state _____ Zip _____
5. EPA I.D. No. CAC 000300553
6. Contractor R.L. STEVENS CO.
 Address 22240 MEEKLAND AVE.
 city HAYWARD, CALIF. 94541 Phone 889-0908
 License Type C-61 040 ID# 534596
7. Consultant N/A
 Address _____
 city _____ Phone _____

90574102
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8602; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC10100300553	Manifest Document No. 010101	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Mr. Thomas Eplin 22383 meekland Ave Hayward, CA 94541				A. State Manifest Document Number 90574102	B. State Generator's ID
4. Generator's Phone (415) 551-1138 or (415) 881-4973				C. State Transporter's ID 106249	
5. Transporter 1 Company Name Erickson Trucking		6. US EPA ID Number ICAD00946392		D. Transporter's Phone (415) 235-1393	E. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		F. Transporter's Phone	G. State Facility's ID CAD10109466392
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801				10. US EPA ID Number GAD009466392	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type	13. Total Quantity
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.				0 011TP	99.0 P
b.					Waste No. State 512 EPA/Other NONE
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above Qty. 1 Empty Storage Tank (s) #5599, Tank(s) have been inerted with 15 lbs. Dry Ice per 1000 Gall. Capacity.				K. Handling Codes for Wastes Listed Above 01	
15. Special Handling Instructions and Additional Information Keep away from sources of ignition: Always wear hardhats when working around U.S.T.'s 24 Hr. Contact Name <u>Thomas m. Eplin</u> & Phone <u>881-4973</u>					
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 Deborah L. Lunn			Signature <i>Deborah L. Lunn</i>		Month Day Year 10/12/91
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DAN BAILEY			Signature <i>Dan Bailey</i>		Month Day Year 10/12/91
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 Donald H. Rossow Jr					
Signature <i>Donald H. Rossow Jr</i>			Month Day Year 10/12/91		

Do Not Write Below This Line

No 5519-13985
R.L. Stevens

CERTIFICATE
Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s) 5519 Location: Richmond Date: 02-01-91 Time: 8:00 a.m.
Test Method: Visual Gastech/1314 SMPN Last Product: Unleaded Gas

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based

on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- <u>1,000</u> Gal. Tank	Safe For Fire Oxy 20.0% LEL-LESS THAN 0.1%

Remarks: _____

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the

undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

K. Hughes
Representative Title

Jim Cop
Inspector

THIS SHIPPING ORDER

must be legibly filled in, in ink, in indelible pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

Carrier's No. 019
Date _____

CARRIER: **Erickson, Trucking Inc.**

SCAC

TO: **LMC Corp.**
600 S. 4th St.
Richmond, Ca. 94805
Zip _____

FROM: **Erickson, Inc.**
255 Parr Blvd.
Richmond, Ca. 94801
Zip _____

Route: _____

Vehicle Number 1224/182A

No Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
<u>3</u>		NON-D.O.T. REGULATED MATERIAL, NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		<u>73985-5519</u>	NONE	N/A	N/A	N/A	NONE
		<u>74016-5525</u>					
		<u>74018-5535</u>					

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

C.O.D. FEE:
Prepaid
Collect \$
COD Amt: \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignee)

FREIGHT CHARGES
 PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of the property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for his part of the shipment.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED

No

PLACARDS SUPPLIED

YES NO - FURNISH TO CARRIER DRIVER SIGNATURE: _____

SHIPPER: **Erickson, Inc.**
PER: **Shannan Lowry**
DATE: 2-1-91

CARRIER: _____
PER: _____
DATE: 2/1/91

EMERGENCY RESPONSE TELEPHONE NUMBER: _____

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading. 9-BLS-A3 (Rev. 5/90)

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy as testified by Chapter 7 (commencing with Section 12750) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION

DATE: 02/01/91
WEIGHT: 920953

600 SOUTH 4TH STREET RICHMOND, CALIFORNIA 94804 (415) 230-0606
1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443
130 NORTH 112TH STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380
740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95209 (209) 468-6875
699 SEAPORT BLVD REDWOOD CITY, CALIF 94063 (415) 369-0611

NET 13120 lbs. 6.56 NT LT. 60 PER N.T. PER LT.

COMMODITY: #1 LMP (TANKS) CODE: 10201 INV. BY: _____ PR BY: _____ CK BY: _____ WEIGHT FOR: Erickson, Inc.

DRIVER'S NAME: _____ VEHICLE LICENSE/LMC NO.: _____ ADDRESS: _____
DRIVER'S LICENSE NO.: _____ TRAILER LICENSE NO./RR CAR NO.: _____ POINT OF ORIGIN: _____
DISMANTLER NO./SEAL NO.: _____ CARRIERS NAME/WB NO.: _____

LMC METALS WEIGHMASTER: B. Lidge
HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities (including reasonable attorney's fees) resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.
BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described herein and have the right to sell same; that it contains no hazardous materials as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

DEPUTY: _____ SIGNATURE OF SELLER OR AGENT: _____

DIVISION ALPHA FILE COPY