aqua science engineers inc.

December 5, 1991

PROJECT REPORT
UNDERGROUND STORAGE TANK CLOSURE
at
Oliver Rubber Company
1200 65th Street, Emeryville, CA.

Prepared for:

The Oliver Rubber Co.
1200 65th Street, Oakland, CA.

Submitted by:

AQUA SCIENCE ENGINEERS, INC.
1041 Shary Circle
CONCORD, CA

TABLE OF CONTENTS

1.0 INTRODUCTION

This report documents the removal and related activities of the underground storage tank closure performed for the Oliver Rubber Company located at 1200 65th Street in Emeryville, Calif. (FIGURE 1). The following tanks were removed from the site; two (2) 8,000 gallon tanks. The tanks previously contained non-halogenated organic solvents. The scope of services provided by Aqua Science Engineers, Inc. (ASE) is in accordance with ASE proposal No. 91-179 and includes the following tasks:

- o Obtain permits from the Alameda County Health Care Services Agency, City of Emeryville Fire Department and City of Emeryville Building Department.
- o Notify Cal-OSHA and the Bay Area Air Quality Management District.
- o Remove and dispose of residual liquids from the tanks.
- o Remove and dispose of the underground storage tanks.
- o Sample native soil and groundwater adjacent the tanks.
- o Prepare a report of methods and findings.

2.0 PERMITS

The application for permits to remove the underground storage tank were obtained from the Alameda County Health Care Services Agency, Emeryville Fire Department and Emeryville Building Department. Notice of construction was given to the Bay Area Air Quality Management District and CAL-OSHA. Copies of the permits and notification documents are contained in Appendix A.

3.0 MOBILIZATION

ASE mobilized for on-site work on October 24, 1991, commencing with removal of concrete surface materials and installation of soil shoring in the form of soldier piles. Project personnel included: David Prull- Project Engineer, Steve DeHope- Construction Manager, Tom McMullen- Driller and Craig Barr-Technical Labor.

Soil borings conducted in preparation for soldier piles revealed the soil cross-section in the area of the tanks to be of clayey silts with some fine sand and an increased content of fine sand to the depth of groundwater, approximately 9.5 feet below grade.

3.1 EXCAVATION

The services of the Underground Service Alert network were utilized to identify primary utilities in the work area. Representatives of Pacific Gas and Electric were contacted regarding procedures used to negotiate a 1" natural gas line in the work area.

Excavation of the storage tanks was initiated on October 30, 1991. A concrete vault surrounding the tanks on all sides and bottom was exposed in the process of excavation (Figure 2: Partial Site Plan). Soil was removed along the outside perimeter of the vault to a depth of approximately 10 feet below grade. Maximum depth of excavation was 11.0 feet below grade.

Cleaning of the tanks and removal of residual liquid waste from the tanks was commenced on October 31. Approximately 260 gallons of residual liquid and tank rinsate was removed by Waste Oil Recovery Systems and disposed of at the Demenno Kerdoon facility in Compton, CA. A copy of the Hazardous Waste Manifest is appended to this report.

Fill piping consisting of 4" Dia. galvanized steel was removed from locations above the tanks. Product supply piping consisted of 1.5" Dia. galvanized steel pipe contained in 4" clay tile pipe casing. Vent lines consisted of 1.5" Dia. galvanized steel pipe contained in 4" clay tile pipe casing. The location of product ping is shown on the partial site plan, (Figure 2: Partial Site Plan). All piping appeared in good condition with no hole or defects noted. No overspill protection devices were in place at the fill locations.

Native material outside the perimeter of the UGST containment vaults consisted of a light brown clayey silt with some medium/fine sand and little medium/fine gravel to a depth of approximately 4 feet below grade. Light grey clayey silts with increasing content of fine sand was encountered in the elevations between 4 feet and 11 feet below grade. Groundwater was encountered during the excavation at a depth of approximately 9.5 feet below grade. Tank backfill material inside the concrete vaults was classified as an imported 3/8" crushed gravel with fines.

Air quality sampling was conducted at the edge of the excavation using an organic vapor analyzer model 580A by TEI. Volatile organic vapors were not detected in the air near the edge of the excavation. Mild petroleum odors were noted periodically during soil removal operations.

All tank piping was observed intact with no obvious holes or weakness. No overspill protection devices where in place. All excavated materials were placed on 10 ml. plastic sheeting and covered.

3.2 REMOVAL

Prior to tank removal on the morning of November 1, 1991, ASE inerted the tanks by adding dry ice at the rate of at least 1.5 pounds per 100 gallons of tank volume. After verifying a safe LEL of the tank atmosphere, the tanks were removed from the excavation. The tank removal operations were witnessed by the City of Emeryville Fire Department, Alameda Health Care Services Agency Inspector- Susan Hugo, David Prull of ASE, and Robert Flynn of Oliver Rubber. The tanks were transported by Erickson Trucking Inc. and Trident Truck Lines to the Erickson Tank Disposal Facility in Richmond, CA, on the date of removal. Copies of the Hazardous Waste Manifests and Tank Disposal Certificates are contained in Appendix B.

The tanks were constructed of a single ply 1/4" plate steel. No protective coatings were evident on the tank exterior. No holes, cracks or defects in the exterior of either tank were noted.

4.0 SAMPLING AND ANALYSIS

Soil samples were collected from the excavation along the outside perimeter of the tank vaults (approximately 11:00 AM, 11/5/91) by Civil Engineer, David Prull (ASE) trained in sampling protocol. Soil sampling was at the direction of the Alameda County Health Care Services Agency Inspector- Susan Hugo.

Six soil sample were collected from the walls of the excavation in the native material approximately 6" above groundwater. Samples were collected by driving a precleaned brass sample sleeve into the soil using a hand driven slide hammer and sample shoe. All samples were secured using aluminum foil, teflon caps and sealed with duct tape. The sample was immediately placed in a cooler with dry ice and delivered to the laboratory within 24 hours. A copy of the Chain of Custody is appended to this report.

A sample of groundwater was secured from the standing groundwater outside the containment vaults. Prior to sampling, approximately 1290 gallons of groundwater were removed from the excavation and groundwater allowed to recharge. Groundwater was removed by Waste Oil Recovery systems and transported as hazardous waste to the Demmeno Kerdoon recycling facility in Compton, CA. A copy of the Hazardous Waste Manifest is appended to this report. Groundwater in the excavation was allowed to regenerate before a sample was collected with a PVC bailer. The sample was carefully transfered into 40 ml VOA vials with care taken to preclude entrained air. Additional sample material was collected in 1 liter amber bottles. All samples were labeled, placed in a cooler with ice and transported to the analyzing laboratory within 24 hours. A copy of the Chain of Custody is appended to this report.

All samples were submitted for analysis to the state certified laboratory, Chromalab, Inc. in San Ramon, California (415) 831-1788. The samples taken were analyzed for Total Petroleum Hydrocarbons as Gasoline and Diesel, and Volatile Organics. Soil samples were chemically analyzed for Lead. The results of the sampling are partially tabulated as TABLE 1: Analytical Results of Soil and Groundwater Sampling. Copies of signed laboratory data sheets are found in Appendix C.

TABLE 1: ANALYTICAL RESULTS
SOIL AND GROUNDWATER SAMPLING
Oliver Rubber Company, Emeryville, CA 11/5/91

SAMPLE I.D.	TPH GASOLINE ppm	TPH DIESEL ppm	n-Heptane ppb	Methyl Cyclohexane ppb	Trimethyl Cyclopentanes ppb
S-1	250	N.D.	690	10000	2800
S-2	1.8	N.D.	120	340	320
S-3	27	N.D.	2300	4400	5200
S-4	N.D.	N.D.	21	56	63
S-5	18	N.D.	1500	3400	3700
S-6	N.D.	N.D.	12	53	26

SAMPLE I.D.	TPH GASOLINE ppb	TPH DIESEL ppb	n-Heptane ppb	Methyl Cyclohexane ppb	Trimethyl Cyclopentanes ppb
GW-1	1900	2900	30	380	160

On November 14 ,1991 approximately 15 cubic yards of soil were removed from the area of soil sample S-1. Excavation of soils was conducted to a depth of approximately 10.0 feet below grade. Soil samples S-7 and S-8 were secured from the walls of the newly excavated area. The location of soil samples are shown on the partial site plan (FIGURE 2: Partial Site Plan). The results of the soil sample results are tabulated in Table 2: Analytical Results of Soil and Groundwater Sampling.

On November 14, 1991 approximately 2500 gallons of groundwater was removed from the excavation and vaults. The water was transported by Kern Vacuum Service under non-hazardous manifest to the McKittrick Waste Disposal Site, McKittrick, CA. A copy of the manifest is provided in Appendix B. A sample of groundwater was obtained subsequent to groundwater removal and recharge. The results of the water sample results are tabulated in Table 2: Analytical Results of Soil and Groundwater Sampling.

All remaining soil inside the concrete vaults was removed on November 14, 1991. The soil was placed on visqueen and covered with visqueen. The depth to the concrete bottom of the vaults is approximately 12 feet below grade.

TABLE 2: ANALYTICAL RESULTS
SOIL AND GROUNDWATER SAMPLING
Oliver Rubber Company, Emeryville, CA 11/14/91

SAMPLE I.D.	TPH GASOLINE ppm	TPH DIESEL ppm	All 8240 Compounds
S-7	1.3	N.D.	N.D.
S-8	N.D.	N.D.	N.D.

SAMPLE I.D.	TPH GASOLINE ppb	TPH DIESEL ppb	Methyl, Propyl CycloPentane ppb	Di-Methyl CycloPentane ppb	Methyl Cyclopentane ppb
GW-2	1600	N.D.	30	100	50

6.0 BACKFILLING AND RESURFACING

Subsequent to cleaning the concrete vaults and over-excavating the Southwest corner of the tank pit, backfilling the work area was initiated. Backfill consisted of clean quarried material procured from the EBX facility in Hayward, CA. Soil backfill was classified as mill fine or 1/4" gravel with fines. Soil backfill was placed in one foot lifts and compacted from an elevation of approximately 12'-0" below grade to 1'-0" below grade. A subbase material consistent with a Class II AB road base was compacted in the elevations between 1'-0" and 0'-4" below grade. Portland concrete and asphaltic concrete were used to complete the restoration.

All soil removed from the tank excavation is was profiled for disposal. Copies of the analytical test data for stockpiles numbered 1 through 5 (STKP 1-5) appear in Appendix C

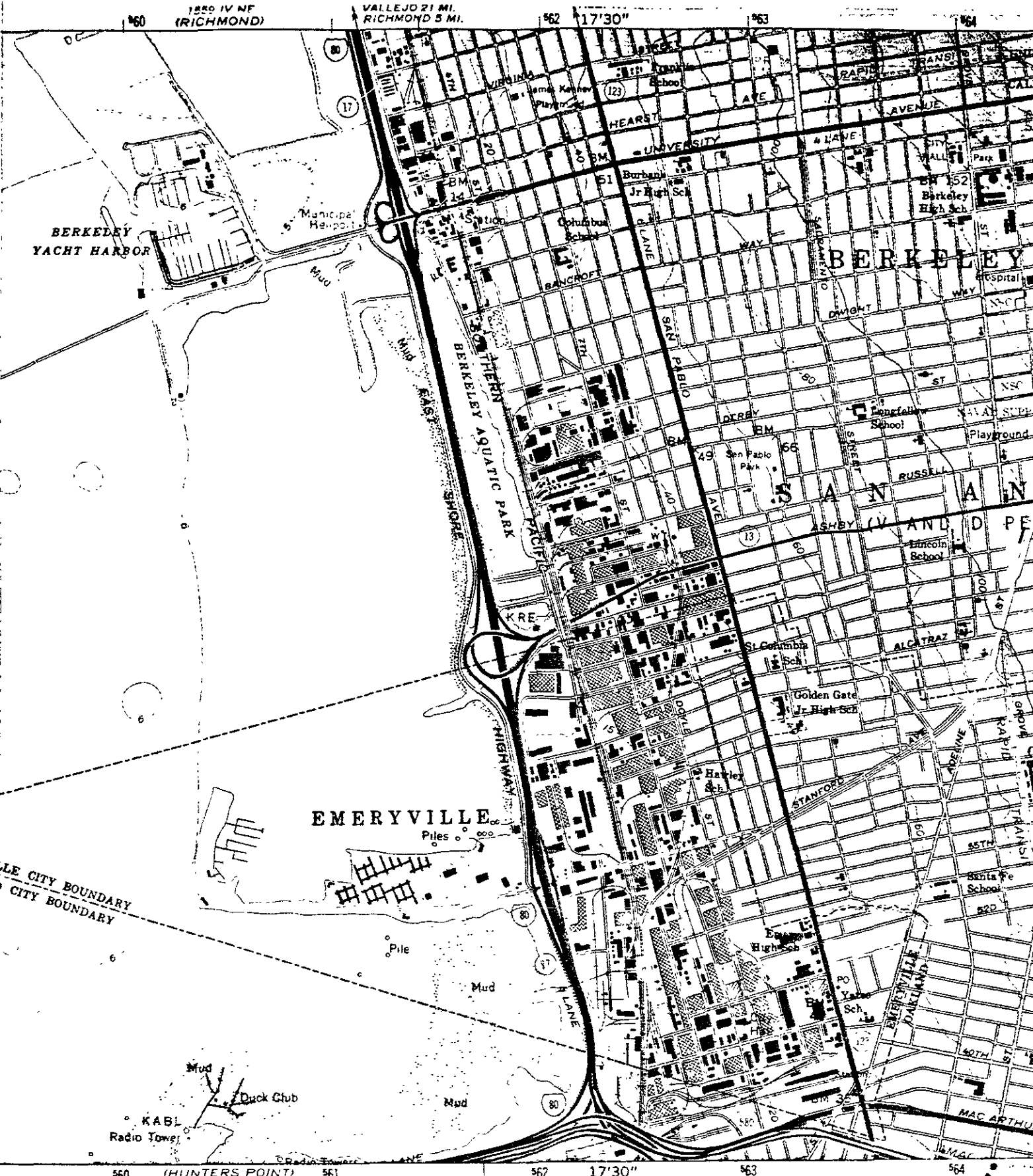
7.0 DISCUSSION AND CONCLUSIONS

Two underground storage tank and related plumbing were removed from the site of the Oliver Rubber Co. in Emeryville, CA. The size of the tanks was noted at 8,000 gallons each, constructed of a single layer steel plate and last contained non-halogenated organic solvents. Subsequent to tank removal the tanks were inspected for signs of leaks, holes or weaknesses; none were found.

Analytical testing of soil samples and groundwater samples in the tank excavation revealed detectable concentrations of volatile organics. All soil removed from the excavation and subsequent over-excavated (approx. 250 cubic yards) were disposed of at Class II and Class III landfill facilities as determined by profiling. All side wall soil samples taken from the overexcavated tank pit were reported to maintain concentrations of total petroleum hydrocarbons as gasoline at less than 27 parts per million. A groundwater sample collected from standing groundwater in the tank excavation prior to backfilling was reported to maintain concentrations of total petroleum hydrocarbons as gasoline at 1.6 parts per million.

The tank excavation was backfilled with clean quarried fill material and resurfaced to match surroundings.

FIGURE 1 - SITE MAP

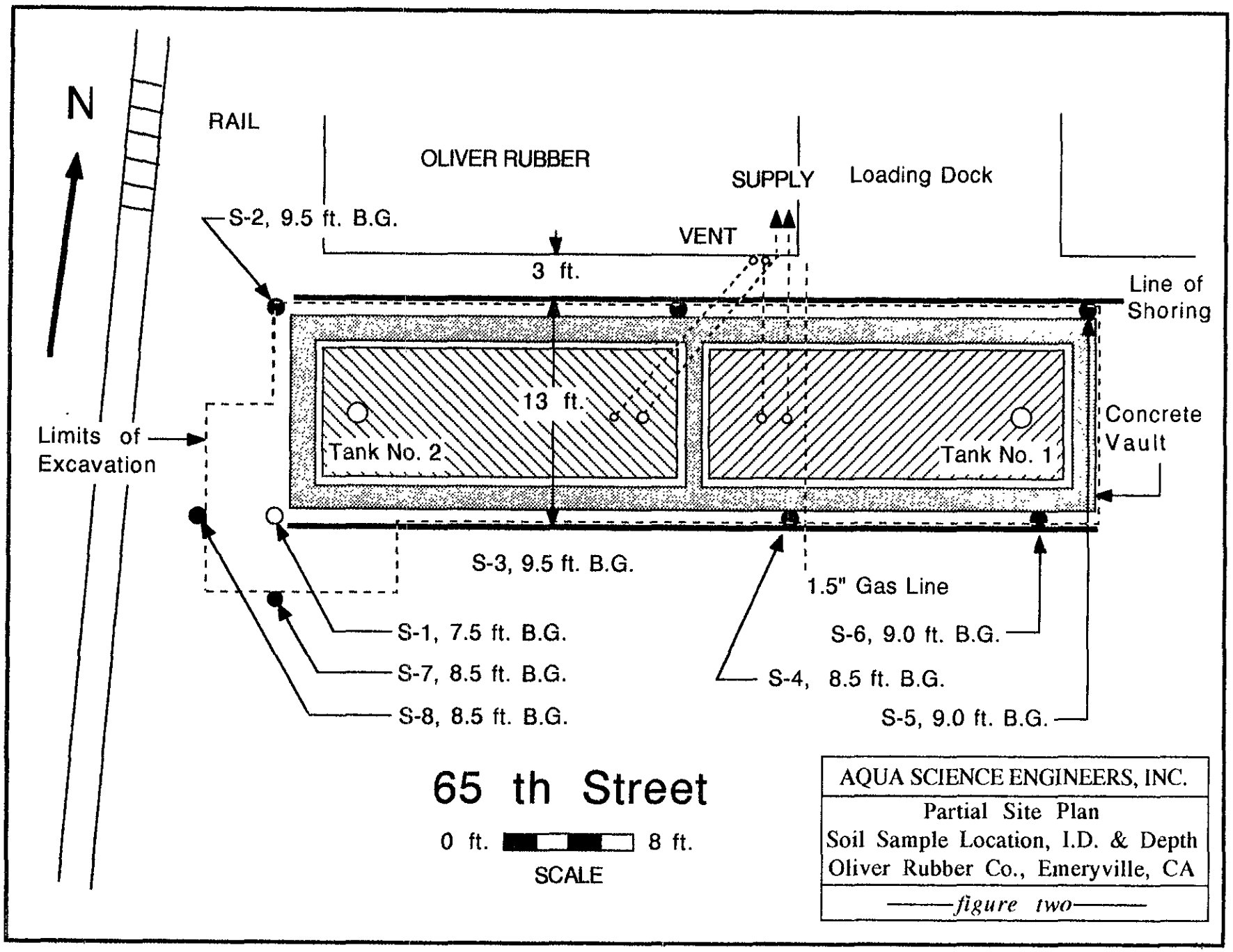


AQUA SCIENCE ENGINEERS

Figure 1: Site Plan

U.S. Geological Survey, 1959

FIGURE 2 - PARTIAL SITE PLAN



AQUA SCIENCE ENGINEERS, INC.

Partial Site Plan
Soil Sample Location, I.D. & Depth
Oliver Rubber Co., Emeryville, CA

figure two

APPENDIX A - PERMITS

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

ACCEPTED

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

Those 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 or approved plans must be on the job site available to all contractors and craftsmen involved with the removal.

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

Please make changes made on page 5.
Susan L. Hugo
10/30/91

Project Specialist (print) SUSAN L. HUGO

UNDERGROUND TANK CLOSURE PLAN

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

1. Business Name OLIVER RUBBER CO.
   Business Owner STANDARD PRODUCTS CO.
2. Site Address 1200 65TH ST.
   City EMMERYVILLE, CA. Zip 94608 Phone (510) 654-7711
3. Mailing Address P.O. BOX 8447
   City OAKLAND, CA Zip 94662 Phone (510) 654-7711
4. Land Owner OLIVER RUBBER
   Address 1200 65th ST. City, State EMMERYVILLE, CA Zip 94608
5. Generator name under which tank will be manifested
   OLIVER RUBBER CO.
   EPA I.D. No. under which tank will be manifested CAC000644416

10/8/91 GOOD FOR 90 DAYS

rev 12/90

CITY OF EMERYVILLE
INSPECTION SERVICES DEPT.
2200 POWELL STREET, 12TH FLOOR
EMERYVILLE, CA 94608
(415) 596-4310

APPLICATION AND PERMIT

THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED & FEES PAID.

DO NOT WRITE IN THIS SPACE

VALIDATE HERE

B-4912-1091
Permit Number

Application Received
Date 10/10/91 Signed C. Dorn

Permit Issued
Date 10/10/91 Signed C. Dorn

OWNER

BUILDING ADDRESS 1200 65TH STREET
TRACT LOT APN
NAME DAVID OLNER RUBBER CO.
ADDRESS 1200 65TH STREET PHONE
CITY EMMERYVILLE, ST. CA ZIP 94608

ENGINEER

NAME LICENSE#
ADDRESS NONE PHONE
CITY ST. ZIP

CONTRACTOR

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

LICENSE # AND CLASS 487000 ENG. A CITY BUSINESS TAX #
CONTRACTOR NAME AQUA SCIENCE ENGRS.
ADDRESS 1041 SHARY CIRCLE
CITY CONCORD ST. CA ZIP 94518 PHONE 685-6700
SIGNATURE [signature] DATE 10/9/91

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption in this subdivision on more than two structures more than once during any three-year period. (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

☐ I am exempt under Sec. _____, B&P.C. for this reason _____

Signature Date

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C).
Policy # XWN50439008 Company Name OHIO CASUALTY GROUP
☑ Certified copy is hereby furnished.
☑ Certified copy is filed with the city building inspection department.
Signature [signature] Date 10/10/91
(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.
Signature Date

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.). (If no lender indicate "None".)
LENDERS NAME NONE
LENDERS

DESCRIPTION OF WORK

☐ Single Family ☐ Apartment ☐ Condominium ☐ Commercial ☐ Industrial ☐ Public Building ☐ Accessory ☐ Other
☐ New ☐ Addition ☐ Alteration ☐ Repair ☐ Improve ☐ Other
Grading: ☑ Excavation ☐ Fill ☐ Drainage ☐ Other

Describe Briefly All Proposed Construction Work
REMOVE SIDEWALK, SHORE, EXC.,
REMOVE TANKS, BACK FILL,
REPLACE SIDEWALK

BUILDING DESCRIPTION/VALUATION

New Building Floor Area (Sq. Ft.)
1st _____ 2nd _____ 3rd _____ Total _____
Garage _____ Carport _____ # Bedrooms _____ # Baths _____
Building Setbacks
Front _____ Rear _____ Left _____ Right _____
Occupancy Group and Division _____ (Per UBC Table 5A) Type _____ (Per UBC Table 17A)
Valuation of Proposed Work $ [redacted]
(Include all labor and materials, all lighting, heating, ventilation, water supply, plumbing, electrical, fire sprinklers, elevator equipment therein and thereon.)

PERMIT TYPE

THIS PERMIT SHALL COVER:
☑ Building ☑ Plan Check ☐ Electrical
☐ Plumbing ☐ Mechanical ☐ Insulation
☐ Solar ☐ Sign ☐ Pool/Spa
☑ S.M.I.P. ☐ Grading ☐ Other _____

DO NOT WRITE BELOW THIS LINE

N/A
Planning Approval-Date
Fire Dept. Approval-Date 10/10/91
Health Dept. Approval-Date
Final Approval-Date
Special Conditions:
Variance Date Use Permit Date

PERMIT FEES

Building	[redacted]
Plan Check	[redacted]
Filing	
Electrical	
Plumbing	
Mechanical	N/A
Insulation	

MERYVILLE FIRE DEPARTMENT
RE PREVENTION BUREAU
03 HOLLIS STREET
MERYVILLE, CA 94608
55-7678

CITY OF EMERYVILLE

FIRE CODE PERMIT

No 1153

ERMISSION IS HEREBY GRANTED Aqua Science Engineers, Inc.

~~XXXX~~ OPERATE
O ~~MAINTAIN~~ ~~XXXXXXX~~ Remove 2 UG tanks
~~XXXXXX~~

N PREMISES LOCATED AT 1200-65th Street, (Oliver Rubber)

ERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE ITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTION 4.108 OF SAID CODE.

DDITION REQUIREMENTS EFD requires 48-hr notice prior to removal; Alameda County representative to be present on site.

NG. CO. DISTRICT # NA EXPIRATION DATE: 11/11/91

THIS PERMIT MUST BE POSTED WITH BUSINESS LICENSE

PERMIT APPROVED BY
~~FIRE MARSHAL~~ INSPECTOR George L Warren 10/11/91
DATE

F.P.B. Permit No.
Due Date:
Original X
Renewal

Date: 10/07/91
Fee: $50.00 p/tank
Cash Ck. No. X
Receipt No.
Received by:

① 014023
② 014037
2 checks 2 Tanks

Plans submitted? Checked by:
(GROUP-TYPE AND AREA)
Occupancy Group? Other Occupancies in Building?
Floor to be Used: Area to be Used? sq. ft. Previous Occupancy?
BUILDING: Height Stories, ft. Type of Construction? Is there a basement?
Location-Exterior Wall Openings? Type of Protection
Is there 20 sq. ft. of Opening in every 50' on one exterior wall in—Cellar? Basement? Story?
Distance from Property Line on North? South? East? West?
EXITS: Number? Total Width? How far Apart? Do Exits Lead to Street?
Number of Exits from Hazardous Area (over 200 sq. ft.)? Panic Bars?
Do Doors Swing Out? Exit Signs? Illuminated?
Number of Stairways? Width? Open or Enclosed?
Exterior Stairway or Fire Escape? (WHICH) Where Located? Distance from Street?
FIRE PROTECTION: Standpipes: Wet? Dry? Sprinklers?
Number and Type of Extinguishers?
Other Fire Protection?
Is Flameproofing Required? Is it Satisfactory?

DATE OF INSPECTION:
REMARKS: EFD requires 48-hour notice prior to removal; Alameda County Environmental Health representative to be on-site.

Signed George L Warren No.
FIRE INSPECTOR

ACKNOWLEDGMENT

Bay Area Air Quality Management District acknowledges receipt of your Tank Removal/Contaminated Soil Excavation Notification Form received on 10·9·91.

RECEIVED
OCT 9 1991
AQUA SCIENCE ENG

REGULATION 8, RULE 40
Aeration of Contaminated Soil and
Removal of Underground Storage Tanks

NOTIFICATION FORM

X Removal or Replacement of Tanks
____ Excavation of Contaminated Soil

FORMATION GROSE

ZIP 94608

OWNER NAME Oliver Rubber Co.

SPECIFIC LOCATION OF PROJECT In the sidewalk on the north side of 65th St., cross St.;Hollis

TANK REMOVAL

SCHEDULED STARTUP DATE October 21, 1991

VAPORS REMOVED BY:

[ ] WATER WASH

[X] VAPOR FREEING (CO^2)

[ ] VENTILATION

CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE _____

STOCKPILES WILL BE COVERED? YES ____ NO ____

ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):

_____

(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Aqua Science Engineers, Inc. CONTACT David Prull, Project Manager

ADDRESS 1041 Shary Circle PHONE (510) 685-6700

CITY, STATE, ZIP Concord, CA 94518

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME Aqua Science Engineers, Inc. CONTACT David Prull, Project Manager

ADDRESS 1041 Shary Circle PHONE (510) 685-6700

CITY, STATE, ZIP Concord, CA 94518

FOR OFFICE USE ONLY

DATE RECEIVED FAX _____ BY _____

DATE POSTMARKED 10·9·91 BY RC (init.)

CC: INSPECTOR NO. 502 I-375 DATE 10·11·91 BY RC (init.)

UPDATE: CONTACT NAME _____ DATE _____ BY _____ (init.)

BAAQMD N # _____ DATA ENTRY 10·11·91

1/91

• See reverse for instructions

Permit Application and Job Notification Form

mailed 10-7-91 AD

Construction Demolition Trenches Excavations Buildings Structures Falsework Scaffolding

State of California
Department of Industrial Relations
Division of Occupational Safety & Health

District (Name) OAKLAND
Date 10-7-91
No. 544356- ANNUAL

Sections 6500 6501 and 6502 of the California Labor Code require that certain activities which by their nature involve substantial risk of injury may not be performed without a permit issued by DOSH The Labor Code requires that the applicant supply and that the Division review information necessary to evaluate the safety of the worksite subject to permit requirements A permit will not be issued until evidence has been demonstrated that the place of employment will be safe and healthful

"Applicant" refers to the employer applying for the Permit

Employer AQUA SCIENCE ENGINEERS
Address 1041 SHARY CIRCLE
CONCORD, CA 94518
Phone 1-800-678-9391

Project Safety Contact MICHAEL DIRK
Employer's Representative GERALD SASSE, VP
Title & Phone No VP 1-800-678-9391
Employer's State Contractor's License No. 487000

Check Applicable Items "Applicant" refers to the employer applying for the Permit

Applicant is
____ General Building Contractor
__X__ General Engineering Contractor
____ Specialty Contractor
Specialty Contractor Type _____
____ Other _____ _____

____ General Contractor Option
Initial this blank if applicant elects to assume responsibility for obtaining a single permit to cover one multi-employer project, e g , a high-rise construction project The duties of employers at the site to obey safety and health laws are not changed by this election A list of employers on site will be attached by the Division to this application and the list will be updated as necessary

Type of Permit Sought

____ **Annual**
____ **Single Project**
__X__ **Job Start Notification Only**

____ **Multiple Project** (If projects to be covered are similar in all important aspects, work is performed by the same employer and information concerning each project covered is provided)

For
____ **Construction of** ____ Building ____ Structure
____ **Demolition of** ____ Building ____ Structure
__X__ Trench and or Excavation
____ Tower Crane Erection Dismantling
____ Scaffolding and/or Falsework and or Vertical Shoring

Any permit based on this application is issued with the understanding that the applicant has knowledge of occupational safety and health orders applicable to the project(s) described in this application and attachments and that the applicant and supervising personnel will take special care to insure compliance with safety orders reviewed with the applicant by the Division in the application process

Issuance of the permit is also conditioned upon the following

1) Upon initiation of any new project not described in this application the holder of an annual permit will provide the Division with a completed Project Description Form describing the new project prior to the start of work preferably at least one week in advance of start-up date A phone call may be used to meet the deadline but will not be considered valid notice unless followed in writing by mailing a completed Project Description Form
2) The applicant has implemented a written accident prevention program and Code of Safe Practices which meet the requirements of 8 California Administrative Code Section 1509
3) The Division will be notified of significant changes in information provided with this application if such changes might affect the safety of the activity
4) The applicant understands that under the permit program DOSH schedules routine inspections by authorized personnel for the purpose of verifying that holders of permits are meeting their obligation to provide a safe work place for their employees The Division reserves the right to revoke a permit if it is unable to promptly verify compliance with the terms and conditions of the permit and its issuance
5) The applicant understands that failure to comply with any of the above listed conditions for obtaining a permit could result in denial suspension or revocation of the permit Employers may appeal these actions to the Director of the Department of Industrial Relations (California Labor Code Section 6500 et seq and 8 California Administrative Code Section 341)

Is the applicant conducting any activities to be covered by this permit application in partnership or joint venture with any other persons or corporations conducting activities requiring permits? Yes ____ No __X__ If yes give details _____

Have any permits for any project to be covered by this permit application previously been applied for or obtained? Yes __X__ No ____ If yes when 1/91 from what district office CONCORD in whose name M. DIRK

Form Cal/OSHA S-69

Specific jobsite location 1200 65th STREET
Nearest major cross street HOLLIS
City EMERYVILLE
County ALAMEDA
Name and title of jobsite supervisor STEVE DEHOPE PROJECT MGR.

Field phone N/A
Office phone (510) 685-6700
No. of employees 3
Starting date 10-21-91
Anticipated completion date 11-1-91
High Voltage Lines in Proximity X No ___ Yes

TYPE OF JOB

INSTRUCTIONS THE APPROPRIATE ITEM(S) must be completed and signed by a person knowledgeable about the project for each jobsite to be covered by a permit. Please fill in or check off blanks where appropriate

Construction of: ___ Building ___ Structure Type ___ ___ Steel Frame ___ Tiered ___ Concrete
___ Tilt-up ___ Wood frame ___ Liftslab ___ Precast ___ Slip Form ___ Depth ___ No. of Stories
Description ___

Scaffolding Height ___ ___ Metal ___ Wood ___ Metal over 125 ft
___ Wood over 60 ft (require design by California Registered Civil Engineer, plans at site) [CSO 1643, 1644(c)(7)]
Job description ___

Falsework/Vertical Shoring Maximum Height ___ Maximum Span ___ Material ___
Job description ___

Tower Crane Erection/Dismantling
Maximum Radius ___ Capacity ___ Make and model of crane ___
Foundation and/or support(s) for crane on this site designed/constructed by (see Section 1584(a), CSO) ___
Will crane be stepped or jumped as construction proceeds (see CSO Section 1584.1) ___Yes ___No
Name of crane certifier ___

Demolition of: ___ Building Structure Type ___ Height ___ No. of Stories ___
___ Steel frame ___ Wood frame ___ Concrete ___ Demolition Ball ___ Clam ___ Explosives
___ Loader/tractors Other ___
CSO Article 31 - Demolition

Excavations/Trenches Depth range (min./max.) 0'-13' Width range (min./max.) 0'-13' Total Length 50'
Ground Protection Method Shoring X Sloping ___ Trench Shield ___ Alternate ___
Project description REMOVAL OF TWO UNDERGROUND STORAGE TANKS IN THE SAME LOCATION

Division Use Only
Fee ___
Paid ___
Approved ___
Conference ___
Other ___

I hereby certify that, to the best of my knowledge, the above information and assertions are true and correct and that I/the applicant have knowledge of and will comply with the foregoing.

Signature: Mike D. Dehope
Title: HEALTH & SAFETY MANAGER
Date 10-7-91

APPENDIX B - HAZARDOUS WASTE MANIFEST and CERTIFICATE OF DISPOSAL

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of [illegible]
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: [illegible] RUBBER CO, 1200 65th ST, EMERYVILLE CAL [illegible]
4. Generator's Phone: 5?0 654 7711

A. State Manifest Document Number: 90381538
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: WASTE OIL RECOVERY
6. US EPA ID Number: [illegible]
C. State Transporter's ID: [illegible]
D. Transporter's Phone: [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: [illegible] [illegible] ALAMEDA [illegible]
10. US EPA ID Number: [illegible]
G. State Facility's ID
H. Facility's Phone: [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible] OIL [illegible] (WASTE OILS) [illegible] LIQUID [illegible]	[illegible]	TT	[illegible]	[illegible]	State [illegible] EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: [illegible] (RINSATE) [illegible] WASTE [illegible]

K. Handling Codes for Wastes Listed Above: a. [illegible] b. c. d.

15. Special Handling Instructions and Additional Information

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: [illegible] Kessler | Signature: [illegible] | Month Day Year: [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: [illegible]

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 | Signature | Month Day Year

GENERATOR / TRANSPORTER / FACILITY

90381538 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Servic
Toxic Substances Control Divis
Sacramento, Califor

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000644416 | Manifest Document No. T166662

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
OLIVER RUBBER COMPANY P.O. BOX 8447
OAKLAND, CALIFORNIA 94662

4. Generator's Phone (510) 654-7711

A. State Manifest Document Number 90796546

B. State Generator's ID

5. Transporter 1 Company Name: ERICKSON TRUCKING | 6. US EPA ID Number: CAD009461639 2

C. State Transporter's ID 205166

D. Transporter's Phone 510 235 1393

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801

10. US EPA ID Number: CAD009461639 2

G. State Facility's ID CADOOA461639 2

H. Facility's Phone (510) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	001	TP	08000	P	State 512 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. ONE Empty Storage Tank (s) # 7459, ____, ____, ____, ____: Tank (s) have been inerted with 15 lbs. Dry Ice per 1000 Gal. Capacity.

K. Handling Codes for Wastes Listed Above
a. 01 | b. | c. | d.

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 RON KESSLER & Phone (510) 654-7711

16.
GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
RON KESSLER	Ron Kessler	1	10	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID BUNCE	David Bunce	1	10	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	Signature	Month	Day	Year
DONALD H. LOSSON JR.	Donald H. Losson Jr.	1	10	91

GENERATOR
TRANSPORTER
FACILITY

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

90796546

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

White: TSDF SENDS THIS COPY TO DOHS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Servic
Toxic Substances Control Divisi
Sacramento, Californ

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000644416 — Manifest Document No.: 766662

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
OLIVER RUBBER COMPANY P.O. BOX 8447
OAKLAND, CALIFORNIA 94662
4. Generator's Phone 510 654-7712

A. State Manifest Document Number: 90796567

B. State Generator's ID

5. Transporter 1 Company Name: TRIDENT TRUCK LINES
6. US EPA ID Number: CAD982484370
C. State Transporter's ID: 204349
D. Transporter's Phone: (510) 783-2881

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
ERICKSON, INC.
255 PARR BLVD.
RICHMOND, CA. 94801
10. US EPA ID Number: CAD009466392
G. State Facility's ID: CAD009466392
H. Facility's Phone: (510) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE EMPTY STORAGE TANK NON-RCRA HAZARDOUS WASTE SOLID	001	TP	08000	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
ONE EMPTY STORAGE TANK #7460 ICED WITH 400 POUNDS DRY ICE. TANK HAS A CAPACITY OF 8000 GALLONS.

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
24 HOUR CONTACT: RON KESSLER
PHONE: (510) 654-7711

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.

GENERATOR — Printed/Typed Name: RON KESSLER — Signature: [signature] — Month Day Year: 11 01 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MIKE VERNAZZA — Signature: [signature] — Month Day Year: 11 01 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year:

FACILITY

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. ROSSO JR. — Signature: [signature] — Month Day Year: 11 01 91

GENERATOR

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

90796567

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

[illegible] SEND THIS COPY TO DHS

THIS MEMORANDUM

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 019

Carrier's No. 019

CARRIER: Erickson, Trucking Inc. SCAC Date

TO: Consignee	LMC Corp.
Street	600 So. 4th St.
Destination	Richmond, Ca. 94805 Zip
FROM: Shipper	Erickson, Inc.
Street	255 Parr Blvd.
Origin	Richmond, Ca. 94801 Zip

Route:

Vehicle Number 102y/026

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)
5		NON-D.O.T. Regualted Material Non-Hazardous, Gas Free					
		Underground Storage Tanks For Scrap.	NONE	N/A	N/A	N/A	NONE
		76794-4443-7439					
		76800-7459					
		76800-7489/76836-7482					

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

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

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 consignor, the consignor 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 Consignor)

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 of, said 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 himself and his assigns.

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

PLACARDS REQUIRED: No

PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER

DRIVER SIGNATURE:

SHIPPER: Erickson, Inc.
PER: Don Rossen.
DATE: 11-7-91

CARRIER: Erickson
PER:
DATE: 11/7/91

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-A3
(Rev. 9/90)

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 prescribed by Chapter 7 (commencing with Section 12700) 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
600 SOUTH 4th STREET
RICHMOND, CALIFORNIA 94804
(415) 236-0606

TICKET# 65554

MATL.10201-1 UNP
PRICE / TON:$ PAY WEIGHT: 9060
TOTAL PRICE:$
WEIGHT ADJUSTMENT: 0 PERCENT:*****%
INBOUND WEIGHT: 40780 Lbs.

ACCOUNT:22168801
ERICKSON INC.
255 PARR BLVD.
RICHMOND , CA
CASH I.D.:

TRUCK NO. LICENSE NO.
DRIVER:1

40780	(M)	Gross Weight Lbs.	11/07/91-	8:29	FRT. CODE:1 COST:$ 0.00
1720		Tare Weight Lbs.	11/07/91-	8:54	
9060		Net Weight Lbs.			

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER 2-11623

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

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 hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

2F33

Shipper's No. 019

Carrier's No. Date

CARRIER: Erickson, Trucking Inc. SCAC

TO: Consignee Street Destination	LMC Corp. 600 So. 4th St. Richmond, Ca. 94805 Zip	FROM: Shipper Street Origin	Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801 Zip

Route: Vehicle Number

No. Shipping Units	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)
4	NON-D.O.T. Regulated Material Non-Hazardous, Gas Free					
	Underground Storage Tanks For Scrap.	NONE	N/A	N/A	N/A	NONE
	76818-7466-7465					
	76787-7447					
	76662-7460					

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

COD Amt: $

C.O.D. FEE: Prepaid ☐ Collect ☐ $

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 consignor, the consignor 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 Consignor)

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 of, said 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 himself and his assigns.

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.
Per Don Rosson

PLACARDS REQUIRED No PLACARDS SUPPLIED ☐ YES ☐ NO — FURNISHED BY CARRIER

DRIVER SIGNATURE:

SHIPPER: ~~Erickson, Inc.~~
PER: ~~Don Rosson.~~
DATE: 11-4-91

CARRIER:
PER:
DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

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

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 prescribed Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agricultu

LMC METALS
A DIVISION OF SIMSMETAL USA CORPORATION
600 SOUTH 4th STREET
RICHMOND CALIFORNIA 94804
(415) 236-0606

TICKET# 65266

MATL.10201-1 UNP
PRICE / TON:$ PAY WEIGHT: 15560
TOTAL PRICE:$
WEIGHT ADJUSTMENT: 0 PERCENT:*****%
INBOUND WEIGHT: 44200 Lbs.

ACCOUNT:22168801
ERICKSON INC.
255 PARR BLVD.
RICHMOND . CA
CASH I.D.:

TRUCK NO. LICENSE NO.
/
DRIVER:1
FRT. CODE:1 COST:$ 0.00

44200 (M) Gross Weight Lbs. 11/04/91- 14:23
28640 Tare Weight Lbs. 11/04/91- 15:01
15560 Net Weight Lbs.

SIGNATURE OF SELLER OR AGENT

LMC METALS WEIGHMASTER 2-11401

FOR SALVAGE VEHICLE SALES I hereby certify under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.

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 hereon and have the right to sell same, that it contains no hazardous material as defined by Federal or State law and that for payment hereby received, I sell and convey title to LMC METALS.

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 07209

CUSTOMER AQUA SCI

JOB NO. 76662

FOR: Erickson, Inc. TANK NO. 7459

LOCATION: Richmond DATE: 11/06/91 TIME: 12:57:37

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT SOL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition 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 SIZE 8000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%

LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions 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 permissable 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 that 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.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes — REPRESENTATIVE

TITLE

OK — INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 07208

CUSTOMER ~~AQUA SCI~~

JOB NO. 76662

FOR: Erickson, Inc. TANK NO. 7460

LOCATION: Richmond DATE: 11/04/91 TIME: 12:44:13

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT SOL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition 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 SIZE 8000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%

LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions 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.

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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 permissable 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 that 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.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K Hughes — REPRESENTATIVE

TITLE

DC — INSPECTOR

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: OLIVER RUBBER CO. 1300 65th STREET EMERYVILLE
4. Generator's Phone ( ) 510 654 7711

A. State Manifest Document Number: 90130628
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: WASTE OIL RECOVERY
6. US EPA ID Number: [illegible]
C. State Transporter's ID: [illegible]
D. Transporter's Phone: [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: [illegible] 5000 N ALAMEDA [illegible]
10. US EPA ID Number: [illegible]
G. State Facility's ID
H. Facility's Phone: 213 537 7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. PETROLEUM OILS, N.O.S. (WASTE OILS) COMBUSTIBLE LIQUID NA 1270	[illegible]	TT	[illegible]	G	State 221 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: [illegible] WASTE [illegible]

K. Handling Codes for Wastes Listed Above: a. [illegible] b. c. d.

15. Special Handling Instructions and Additional Information

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: [illegible] Signature: [illegible] Month Day Year: [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year: [illegible]

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 Signature Month Day Year

GENERATOR / TRANSPORTER / FACILITY

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

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

KERN BACKHOE SERVICE INC. — KERN VACUUM SERVICE

Well, Tank No. _____

Field or Area _____

P.O. BOX 5337 • BAKERSFIELD, CALIFORNIA 93388
(805) 589-5220

No 14028

NON-HAZARDOUS WASTE HAULER RECORD

TO BE USED FOR NON-HAZARDOUS WASTES ONLY

GENERATOR (Generator Must Complete)

1
Name Olivin Rubber Co.
Field Address P.O. Box 8447
City, State, Zip Oakland CA 94662
Phone 510 654 7711
Order Placed By Steve DeHope
Signature of Authorized Agent SW DeHope
Date 11-14-91
Title Construction Supervisor

WASTE TO BE DISPOSED

2
Type Ground water
Generating Location 1200 65th
Special Handling Instructions:
☐ Gloves ☐ Goggles ☐ Other _____
Quantity 2500 gals. ~~Bbls.~~

DESIGNATED FACILITY

3
Name McKittrick Waste Disp. Site
Address Star Route Box 4
City, State, Zip McKittrick CA
Phone _____

TRANSPORTER (Hauler Must Complete)

Name KVS Transportation Inc
Address P.O. Box 5337
City, State, Zip Bakersfield CA 93388
Phone 805 589 5220
Signature of Authorized Agent or Driver Eugene Bateman
Date 11-14-91

Ticket # _____ Unit No. 740 / 420
~~☐~~ AM
Pick Up Date 11-14-91 Time _____ ☐ PM

NOTE: This form to be used in lieu of the California Department of Health Services Hazardous Waste Manifest for NON-HAZARDOUS wastes only.

REMARKS:
1191-102215 Acct # 105

DISPOSAL FACILITY (Facility Operator Must Complete)

Name _____
Address _____
City, State, Zip _____
Phone _____ / Disp. Ticket # _____
Signature of Authorized Agent Date

Quantity Received _____ Bbls. Date _____
☐ AM
Time _____ ☐ PM

DISPOSAL METHOD: ☐ Surface Impoundment ☐ Injection ☐ Landfill ☐ Other _____

Return Copy To: **GENERATOR UNLESS OTHERWISE SPECIFIED**

NOTE: It is not necessary to send copy to Dept. of Health Services.
NO HAZARDOUS FEES SHOULD BE LEVIED

APPENDIX C - LABORATORY ANALYSIS and CHAIN OF CUSTODY

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File No.: 1191042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: Six soil and one water sample for Gasoline and Diesel analyses

Project Name: OLIVER RUBBER CO.
Project Location: 1200 65th St., Emeryville, CA
Project Number: Job 2410
Date Sampled: Nov. 5, 1991 Date Submitted: Nov. 5, 1991
Date Extracted: Nov. 7, 1991 Date Analyzed: Nov. 7, 1991

RESULTS:

Sample I.D.	Gasoline (mg/kg)	Diesel (mg/kg)
S-1	250*	N.D.
S-2	1.8*	N.D.
S-3	27*	N.D.
S-4	N.D.	N.D.
S-5	18*	N.D.
S-6	N.D.	N.D.
DETECTION LIMIT	1.0	1.0
METHOD OF ANALYSIS	5030/8015	3550/8015

Sample I.D.	Gasoline (µg/l)	Diesel (µg/l)
GW-1	1900*	2900
BLANK	N.D.	N.D.
SPIKED RECOVERY	96.3%	89.7%
DUPLICATE SPIKED RECOVERY	94.2%	92.5%
DETECTION LIMIT	50	50
METHOD OF ANALYSIS	5030/8015	3510/8015

*Unknown hydrocarbon quantified as gasoline.

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Laboratory Director

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 8, 1991 ChromaLab File No.: 1191042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: Six soil samples for Lead analysis

Project Name: OLIVER RUBBER CO.
Project Location: 1200 65th St., Emeryville, CA
Project Number: Job 2410
Date Sampled: Nov. 5, 1991 Date Submitted: Nov. 5, 1991
Date Extracted: Nov. 8, 1991 Date Analyzed: Nov. 8, 1991

RESULTS:

Sample I.D.	Lead (mg/kg)
S-1	6.96
S-2	6.86
S-3	4.45
S-4	6.59
S-5	7.47
S-6	6.54
BLANK	N.D.
SPIKED RECOVERY	104%
DUPLICATE SPIKED RECOVERY	92%
DETECTION LIMIT	0.05
METHOD OF ANALYSIS	7420

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991

ChromaLab File # 1191042 A

Aqua Science Engineers, Inc.
Attn: David Prull
Date Sampled: Nov. 05, 1991
Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-1
Method of Analysis: 8240
Detection Limit: 10 ug/kg

COMPOUND NAME	ug/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	15	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	14	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 A

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-1
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	690
CYCLOHEXANE	3500
METHYL CYCLOHEXANE	10000
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	2800

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991

ChromaLab File # 1191042 B

Aqua Science Engineers, Inc.
Attn: David Prull
Date Sampled: Nov. 05, 1991
Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-2
Method of Analysis: 8240
Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 B

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-2
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL

COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	120
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	340
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	320

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191042 C

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-3
Method of Analysis: 8240 — Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 C

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-3
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	2300
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	4400
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	5200

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991

ChromaLab File # 1191042 D

Aqua Science Engineers, Inc.
Attn: David Prull
Date Sampled: Nov. 05, 1991
Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-4
Method of Analysis: 8240
Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 D

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-4
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	21
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	56
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	63

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991

ChromaLab File # 1191042 E

Aqua Science Engineers, Inc.
Date Sampled: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Attn: David Prull
Date Submitted: Nov. 05, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-5
Method of Analysis: 8240

Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	79	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 E

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-5
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	1500
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	3400
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	3700

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191042 F

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-6
Method of Analysis: 8240 — Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 F

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: S-6
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	12
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	53
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	26

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

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510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191042 G

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 07, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: GW-1
Method of Analysis: 624 — Detection Limit: 2.0 µg/l

COMPOUND NAME	µg/l	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	2.1	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	2.0	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	2.0	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	18	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191042 G

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: GW-1
Method of Analysis: 624 Detection Limit: 2.0 µg/l

ADDITIONAL COMPOUND NAME	µg/l
n-HEXANE	N.D.
n-HEPTANE	30
CYCLOHEXANE	43
METHYL CYCLOHEXANE	380
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	160

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

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Federal ID #68-0140157

aqua science engineers inc.

Aqua Science Engineers Inc.
PO Box 535, San Ramon, CA 94583 • 415-820-9391

Chain of Custody

DATE Nov 5 PAGE 1 OF 1

PROJ. OLIVER RUBBER CO.
COMPANY OLIVER RUBBER CO.
ADDRESS 1200 65TH ST.
EMERYVILLE, CA.

SAMPLERS (SIGNATURE) D.C. Prull (PHONE NO.) (510) 685-6700

CHROMALAB FILE # 11910-405-01

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510, 3550)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 624/627, 8270)	TOTAL OIL & GREASE (EPA 5030E)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)				TOTAL LEAD METALS: [redacted], [redacted], Pb, [redacted]	CAM METALS (18) w/Cr VI	PRIORITY POLLUTANT METALS (13)						NUMBER OF CONTAINERS
S-1	11/5/91	11:30	S		X		X			X								X							1
S-2	11/5/91	11:40	S		X		X			X								X							1
S-3	11/5/91	11:50	S		X		X			X								X							1
S-4	11/5/91	12:00	S		X		X			X								X							1
S-5	11/5/91	12:10	S		X		X			X								X							1
S-6	11/5/91	12:20	S		X		X			X								X							1
GW-1	11/5/91	16:40	W		X		X			X	NAPTHENES, CYCLOHEXANE, N-HEXANE, N-HEPTANE, METHYLCYCLOHEXANE							X								4

PROJECT INFORMATION

PROJECT: OLIVER RUBBER
PO NO: JOB 2410
SHIPPING ID NO: N/A
VIA: DAVID PRULL

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	10
CHAIN OF CUSTODY SEALS	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	
LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:
48 HR. TURN. FAX RESULTS BY THURS 11/7/91.

	1.	2.	3.
RELINQUISHED BY	D.C. Prull		
(Signature) (Time)	DAVID C. PRULL 18:00	(Signature) (Time)	(Signature) (Time)
(Printed Name) (Date)	AQUA SCIENCE 11/5/91	(Printed Name) (Date)	(Printed Name) (Date)
(Company)		(Company)	
RECEIVED BY	Gary Cook 18:00	RECEIVED BY	RECEIVED BY (LABORATORY)
(Signature) (Time)	Gary Cook 11/5/91	(Signature) (Time)	(Signature) (Time)
(Printed Name) (Date)	Chroma Lab	(Printed Name) (Date)	(Printed Name) (DATE)
(Company)		(Company)	(LAB)

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File No.: 1191022

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: four soil samples for Gasoline and Diesel analyses

Project Name: OLIVER RUBBER CO.
Project Location: 1200 65th St., Emeryville, CA
Project Number: Job 2410
Date Sampled: Nov. 4, 1991 Date Submitted: Nov. 4, 1991
Date Extracted: Nov. 6, 1991 Date Analyzed: Nov. 7, 1991

RESULTS:

Sample I.D.	Gasoline (mg/kg)	Diesel (mg/kg)
STKP1	1.7	N.D.
STKP2	1.8	N.D.
STKP3	1.7	N.D.
STKP4	N.D.	N.D.
BLANK	N.D.	N.D.
SPIKED RECOVERY	96.3%	89.7%
DUPLICATE SPIKED RECOVERY	94.2%	92.5%
DETECTION LIMIT	1.0	1.0
METHOD OF ANALYSIS	5030/8015	3550/8015

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File No.: 1191022

AQUA SCIENCE ENGINEERS, INC.

Attn: D. Prull

RE: Four composite samples for Lead analysis

Project Name: OLIVER RUBBER CO.
Project Location: 1200 65th St., Emeryville, CA
Project Number: 2410
Date Sampled: Nov. 4, 1991 Date Submitted: Nov. 4, 1991
Date Extracted: Nov. 5, 1991 Date Analyzed: Nov. 5, 1991

RESULTS:

Sample I.D.	Lead (mg/kg)
STKP1(A-D)	5.31
STKP2(A-D)	21.9
STKP3(A-D)	15.6
STKP4(A-D)	5.78
BLANK	N.D.
DETECTION LIMIT	2.5
METHOD OF ANALYSIS	6010

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

2239 Omega Road, #1 • San Ramon, California 94583
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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191022 A

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 06, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 1
Method of Analysis: 8240 — Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	17	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191022 A

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 1
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	200
CYCLOHEXANE	150
METHYL CYCLOHEXANE	1500
DIMETHYL CYCLOPENTANE	980
TRIMETHYL CYCLOPENTANES	780

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191022 B

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 06, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 2
Method of Analysis: 8240 — Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	21	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	190	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191022 B

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 2
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	150
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	470
DIMETHYL CYCLOPENTANE	240
TRIMETHYL CYCLOPENTANES	270

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991

ChromaLab File # 1191022 C

Aqua Science Engineers, Inc.
Date Sampled: Nov. 05, 1991
Date Analyzed: Nov. 06, 1991

Attn: David Prull
Date Submitted: Nov. 05, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 3
Method of Analysis: 8240

Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	27	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191022 C

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 3
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	99
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	370
DIMETHYL CYCLOPENTANE	150
TRIMETHYL CYCLOPENTANES	250

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 — ChromaLab File # 1191022 D

Aqua Science Engineers, Inc. — Attn: David Prull
Date Sampled: Nov. 05, 1991 — Date Submitted: Nov. 05, 1991
Date Analyzed: Nov. 06, 1991

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 4
Method of Analysis: 8240 — Detection Limit: 10 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.4% 95.6%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	93.4% 96.1%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	94.0% 96.7%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	92.4% 95.8%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 7, 1991 ChromaLab File # 1191022 D

Project Name: Oliver Rubber Co.
Project Number: Job 2410
Sample I.D.: STKP 4
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	55
CYCLOHEXANE	N.D.
METHYL CYCLOHEXANE	220
DIMETHYL CYCLOPENTANE	N.D.
TRIMETHYL CYCLOPENTANES	190

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798
Federal ID #68-0140157

aqua science engineers inc.

Aqua Science Engineers Inc.
PO Box 535, San Ramon, CA 94583 • 415-820-9391

Chain of Custody

DATE Nov 7, 1991 PAGE 1 OF 1

PROJ. OLIVER RUBBER CO.
COMPANY OLIVER RUBBER CO.
ADDRESS 1200 65th ST.
EMERYVILLE, CA.

SAMPLERS (SIGNATURE) D. C. Prull (PHONE NO.) (510) 685-6700

CHROMALAB FILE # 11910
ORDER # 4024

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030)	TPH - Gasoline (5030) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510, 3550)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270) *	TOTAL OIL & GREASE (EPA 5030E)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)			TOTAL LEAD METALS: [redacted], [redacted], Pb, [redacted]	CAM METALS (18) w/Cr VI	PRIORITY POLL METALS (13)						NUMBER OF
STKP1 (A-D)	11/4/91	11:30	S		X		X			X							X								4
STKP2 (A-D)	11/4/91	11:30	S		X		X			X							X								4
STKP3 (A-D)	11/4/91	11:30	S		X		X			X							X								4
STKP4 (A-D)	11/4/91	11:30	S		X		X			X							X								4

* i. NAPTHENES
ii. CYCLOHEXANE
iii. n-HEXANE
iv. n-HEPTANE
v. METHYL CYCLOHEXANE

PROJECT INFORMATION

PROJECT: OLIVER RUBBER
PO NO: JOB 2410
SHIPPING ID NO: N/A
VIA: D. PRULL

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	16
CHAIN OF CUSTODY SEALS	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	
LAB NO.	

SPECIAL INSTRUCTIONS/COMMENTS:

48 hr. TURN. FAX RESULTS BY THURS. 11/7/91. Composit EACH SET OF FOUR AS A SINGLE SAMPLE

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(Signature) D. C. Prull (Time) 5:10	(Signature) (Time)	(Signature) (Time)
(Printed Name) DAVID PRULL (Date) 11/4/91	(Printed Name) (Date)	(Printed Name) (Date)
(Company) AQUA SCIENCE	(Company)	(Company)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
(Signature) (Time)	(Signature) (Time)	(Signature) (Time) 17:10
(Printed Name) (Date)	(Printed Name) (Date)	(Printed Name) (DATE)
(Company)	(Company)	(LAB) CHROMALAB 11.4.9

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 21, 1991 ChromaLab File No.: 1191135

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: Three soil samples for Gasoline and Diesel analyses

Project Name: OLIVER RUBBER
Project Location: 1200 65th St., Emeryville
Project Number: 2410
Date Sampled: Nov. 14, 1991 Date Submitted: Nov. 14, 1991
Date Extracted: Nov. 19-20,1991 Date Analyzed: Nov. 19-20,1991

RESULTS:

Sample I.D.	Gasoline (mg/kg)	Diesel (mg/kg)
S-7	1.3	N.D.
S-8	N.D.	N.D.
STKP5*	N.D.	N.D.
BLANK	N.D.	N.D.
SPIKED RECOVERY	98.0%	92.6%
DUPLICATE SPIKED RECOVERY	93.8%	88.0%
DETECTION LIMIT	1.0	1.0
METHOD OF ANALYSIS	5030/8015	3550/8015

*Composited soil sample.

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam (by DD)
Eric Tam
Laboratory Director

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 22, 1991 ChromaLab File # 1191135 A

Client: Aqua Science Engineers Attn: Dave Prull
Date Sampled: Nov. 14, 1991 Date Submitted: Nov. 14, 1991
Date Analyzed: Nov. 21, 1991

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: S-7
Method of Analysis: 8240 Detection Limit: 5.0 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.3% 96.4%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	95.7% 90.4%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	93.4% 95.8%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	91.0% 93.6%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Lab Director

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 22, 1991 — ChromaLab File # 1191135 B

Client: Aqua Science Engineers — Attn: Dave Prull
Date Sampled: Nov. 14, 1991 — Date Submitted: Nov. 14, 1991
Date Analyzed: Nov. 21, 1991

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: S-8
Method of Analysis: 8240 — Detection Limit: 5.0 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.3% 96.4%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	95.7% 90.4%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	93.4% 95.8%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	91.0% 93.6%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Lab Director

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Federal ID #68-0140157

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 22, 1991 — ChromaLab File # 1191135 C

Client: Aqua Science Engineers — Attn: Dave Prull
Date Sampled: Nov. 14, 1991 — Date Submitted: Nov. 14, 1991
Date Analyzed: Nov. 21, 1991

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: STKP5 (4 in 1 soil composite)
Method of Analysis: 8240 — Detection Limit: 5.0 µg/kg

COMPOUND NAME	µg/kg	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	92.3% 96.4%
METHYLENE CHLORIDE	26	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	95.7% 90.4%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	93.4% 95.8%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	91.0% 93.6%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 22, 1991 ChromaLab File # 1191135 C

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: STKP5 (4 in 1 soil composite)
Method of Analysis: 8240 Detection Limit: 10 µg/kg

ADDITIONAL COMPOUND NAME	µg/kg
n-HEXANE	N.D.
n-HEPTANE	N.D.
METHYLCYCLOPENTANE	80
CYCLOHEXANE	150
METHYL CYCLOHEXANE	1400
DIMETHYL CYCLOPENTANE	270
TRIMETHYL CYCLOPENTANES	510

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Lab Director

2239 Omega Road, #1 • San Ramon, California 94583
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aqua science engineers inc.

Aqua Science Engineers, Inc.
PO Box 535, San Ramon CA 94583
(415) 820-9391

Chain of Custody

DATE 11/14/91 PAGE 1 OF 1

SAMPLERS (SIGNATURE) David C. Paul (PHONE NO.) (510)685-6700

PROJECT NAME OLIVER RUBBER NO. 2410

ADDRESS 1200 EAST 7TH ST EMERYVILLE

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GASOLINE (EPA 5030/8015)	TPH-GASOLINE/BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	PCB (EPA 608/8080)	PHENOLS (EPA 6(	LUFT M (EPA 6(	PRIORI (EPA 6	TITLE (EPA 6	TCLP (EPA 1	STLC- (EPA 1	REACTI CORROS. IGNITABILITY
S-7	11/14/91	15:15	S	1	X		X			X										
S-8	11/14/91	15:15	S	1	X		X			X										
STKPS	11/14/91	15:15	S	4	X		X			X			COLLATE				AS 1			
												ALL STANDARD TCLP								

4174

1. RELINQUISHED BY:	1. RECEIVED BY:	2. RELINQUISHED BY:	2. RECEIVED BY LABORATORY:
(signature) (time) 15:20	(signature) (time) 15:20	(signature) (time) 16:15	(signature) (time) 16:15
(printed name) DAVID PAUL (date) 11/14/91	(printed name) Gerald Sasse (date) 11/14/91	(printed name) Gerald Sasse (date) 11/14/91	(printed name) Yiu Keung Tam (date) 11/14/91
Company- ASE	Company- ASE	Company- ASE	Company- CHROMALAB, INC.

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 6, 1991 ChromaLab File No.: 1191154

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: Three water samples for STLC Lead analysis

Project Name: OLIVER RUBBER
Project Location: 1200 65th St., Emeryville
Project Number: 2410
Date Sampled: Nov. 15, 1991 Date Submitted: Nov. 15, 1991
Date Extracted: Dec. 3, 1991 Date Analyzed: Dec. 5, 1991

RESULTS:

Sample I.D.	STLC Lead (mg/L)
STKP 2	0.32
STKP 3	10.4
STKP 5	0.74
BLANK	N.D.
SPIKED RECOVERY	97%
DUPLICATE SPIKED RECOVERY	81%
DETECTION LIMIT	0.05
METHOD OF ANALYSIS	7420

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

RECEIVED
DEC 14 1991
AQUA SCIENCE ENG

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Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

November 22, 1991 ChromaLab File No.: 1191154

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: One water sample for Gasoline analysis and Diesel analysis

Project Name: OLIVER RUBBER
Project Number: 2410
Date Sampled: Nov. 15, 1991 Date Submitted: Nov. 15, 1991
Date Extracted: Nov. 20, 1991 Date Analyzed: Nov. 20, 1991

RESULTS:

Sample I.D.	Gasoline (µg/l)	Diesel (µg/l)
GW-2	1600*	N.D.
BLANK	N.D.	N.D.
SPIKE RECOVERY	98.0%	92.6%
DETECTION LIMIT	50	50
METHOD OF ANALYSIS	5030/8015	3510/8015

* Hydrocarbons found in Gasoline range and quantified as Gasoline.

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

November 25, 1991 — ChromaLab File # 1191154 D

Client: Aqua Science Engineers — Attn: Dave Prull
Date Sampled: Nov. 15, 1991 — Date Submitted: Nov. 15, 1991
Date Analyzed: Nov. 22, 1991

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: GW-2
Method of Analysis: 624 — Detection Limit: 2.0 µg/l

COMPOUND NAME	µg/l	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	90.5% 93.7%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
BENZENE	N.D.	90.1% 88.6%
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYLVINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
TOLUENE	N.D.	91.2% 93.3%
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	90.8% 91.5%
ETHYLBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---
TOTAL XYLENES	N.D.	---
ACETONE	N.D.	---
METHYL ETHYL KETONE	N.D.	---
METHYL ISOBUTYL KETONE	N.D.	---

(CONTINUED ON NEXT PAGE)

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

ChromaLab File # 1191154 D

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: GW-2
Method of Analysis: 624 Detection Limit: 2.0 µg/l

TENTATIVELY IDENTIFIED COMPOUNDS	CONCENTRATION (µg/l)
1-METHYL-2-PROPYL-CYCLOPENTANE	190
1,2-DIMETHYL-CYCLOPENTANE	100
METHYL-CYCLOPENTANE	50

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Lab Director

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510/831-1788 • Facsimile 510/831-8798

aqua science engineers inc.

Aqua Science Engineers, Inc.
PO Box 535, San Ramon CA 94583
(415) 820-9391

Chain of Custody

DATE 11/15/91 PAGE 1 OF 1

SAMPLERS (SIGNATURE) (PHONE NO.)
David R. Paul (510) 685-6700

PROJECT NAME Oliver Russell NO. 2700
ADDRESS 1800 65th ST Emeryville

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH: GASOLINE (EPA 5030/8015)	TPH: GASOLINE/BTEX (EPA 5030/8015-8020)	TPH: DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	PCB (EPA 608/8080)	PHENOLS (EPA 604/8040)	LUFT METALS (5) (EPA 6010+7000)	PRIORITY POLLUT. (13) (EPA 6010 ICP + 7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY	CORROSIVITY	IGNITABILITY
STKP 2	11/15/91	12:00	S	1															X			
STKP 3	11/15/91	12:00	S	1															X			
STKP 5	11/15/91	12:00	S	1															X			
GW-2	11/15/91	10:00	W	3	X		X			X												

4196

1. RELINQUISHED BY:	1. RECEIVED BY:	2. RELINQUISHED BY:	2. RECEIVED BY LABORATORY:
David R. Paul 16:05			16:05
(signature) (time)	(signature) (time)	(signature) (time)	(signature) (time)
DAVID Paul 11/15/91			Yiu Keung Tam 11-15-91
(printed name) (date)	(printed name) (date)	(printed name) (date)	(printed name) (date)
Company- ASE	Company-	Company-	Company- CHROMALAB, INC.

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 23, 1991 ChromaLab File No.: 1291148

AQUA SCIENCE ENGINEERS

RE: Two soil samples for total and WET Lead analysis

Project Name: OLIVER RUBBER
Project Number: 2410
Date Sampled: Dec. 18, 1991 Date Submitted: Dec. 18, 1991
Date Extracted: Dec. 18, 1991 Date Analyzed: Dec. 23, 1991

RESULTS:

Sample I.D.	Lead (mg/Kg)	WET Lead (mg/L)
STKP 3	30	1.5
STKP 5	45	1.2
BLANK	N.D.	N.D.
SPIKE RECOVERY	65%	100%
DUPLICATE SPIKE RECOVERY	67%	95%
DETECTION LIMIT	2.5	0.05
METHOD OF ANALYSIS	7420	7420

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

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510/831-1788 • Facsimile 510/831-8798

aqua science engineers inc.

Aqua Science Engineers, Inc.
PO Box 535, San Ramon CA 94583
(415) 820-9391

Chain of Custody

DATE 12/18/91 PAGE 1 OF 1

SAMPLERS (SIGNATURE) (PHONE NO.)
(510)685-6700

PROJECT NAME Oliver Rubber NO. 2410
ADDRESS 1200 65TH ST, OAKLAND, CA

ANALYSIS REQUEST

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES
STKP 3	12/18	12:00	S	1
STKP 5	12/18	12:00	S	1

	TPH GASOLINE (EPA 5030/8015)	TPH GASOLINE/BTEX (EPA 5030/8015-8020)	TPH DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	PCB (EPA 608/8080)	PHENOLS (EPA 604/8040)	LUFT METALS (5) PL ONLY (EPA 6010+7000)	PRIORITY POLLUT. (13) (EPA 6010 ICP + 7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM WET PL ONLY (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY
STKP 3											X				X	
STKP 5											X				X	

CHROMALAB FILE # 1291148
ORDER # 4547

1. RELINQUISHED BY:	1. RECEIVED BY:	2. RELINQUISHED BY:	2. RECEIVED BY LABORATORY:
(signature) 16:10 (time)	(signature) 16:10 (time)	(signature) 16:50 (time)	(signature) 16:50 (time)
David Frank 12/18/91 (printed name) (date)	Gerald Sasse 12/18/91 (printed name) (date)	Gerald Sasse 12/18/91 (printed name) (date)	(printed name) (date)
Company- ASE	Company- ASE	Company- ASE	Company-

Due mm 12/23

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 27, 1991 ChromaLab File No.: 1291219

AQUA SCIENCE ENGINEERS, INC.

RE: One soil sample for Title 22 CAM Metals (17) analysis

Project Name: OLIVER RUBBER
Project Number: 2410
Date Sampled: Dec. 26, 1991 Date Submitted: Dec. 26, 1991
Date Analyzed: Dec. 27, 1991

RESULTS: Sample I.D.: STK2

Metals	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Levels (mg/Kg)
Antimony (Sb)	N.D.	1.00	500
Arsenic (As)	N.D.	0.25	500
Barium (Ba)	106	0.25	10000
Beryllium (Be)	N.D.	0.05	75
Cadmium (Cd)	2.1	0.05	100
Cobalt (Co)	8.0	0.50	8000
Chromium (Cr)	18.0	0.50	2500
Copper (Cu)	14.0	0.25	2500
Lead (Pb)	6.0	0.50	1000
Mercury (Hg)	1.0	0.05	20
Molybdenum (Mo)	N.D.	0.25	3500
Nickel (Ni)	25.0	0.50	2000
Selenium (Se)	10.0	0.50	100
Silver (Ag)	N.D.	0.25	500
Thallium (Tl)	22.0	2.00	700
Vanadium (V)	21.0	0.50	2400
Zinc. (Zn)	38.0	0.25	5000

Method of Analysis: 3050/6010/7000

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

RECEIVED
JAN [illegible]
AQUA SCIENCE ENG

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 27, 1991 ChromaLab File No.: 1291219

AQUA SCIENCE ENGINEERS, INC.

RE: One soil sample for Title 22 CAM Metals (17) analysis

Project Name: OLIVER RUBBER
Project Number: 2410
Date Sampled: Dec. 26, 1991 Date Submitted: Dec. 26, 1991
Date Analyzed: Dec. 27, 1991

RESULTS: Sample I.D.: STK1

Metals	Concentration (mg/Kg)	Detection Limit (mg/Kg)	Regulatory Levels (mg/Kg)
Antimony (Sb)	N.D.	1.00	500
Arsenic (As)	2.1	0.25	500
Barium (Ba)	111	0.25	10000
Beryllium (Be)	N.D.	0.05	75
Cadmium (Cd)	1.7	0.05	100
Cobalt (Co)	9.6	0.50	8000
Chromium (Cr)	14	0.50	2500
Copper (Cu)	12	0.05	2500
Mercury (Hg)	0.1	0.05	20
Lead (Pb)	80	0.50	1000
Molybdenum (Mo)	N.D.	0.25	3500
Nickel (Ni)	30	0.50	2000
Selenium (Se)	N.D.	0.50	100
Silver (Ag)	N.D.	0.25	500
Thallium (Tl)	N.D.	2.00	700
Vanadium (V)	19	0.50	2400
Zinc (Zn)	24	0.25	5000

Method of Analysis: 3050/6010/7000

ChromaLab, Inc.

Refaat A. Mankarious
Inorganics Supervisor

Eric Tam
Laboratory Director

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aqua science engineers inc.

Aqua Science Engineers, Inc.
PO Box 535, San Ramon CA 94583
(415) 820-9391

Chain of Custody

DATE Dec 26 '91 PAGE 1 OF 1

SAMPLERS (SIGNATURE) Craig Hertz (PHONE NO.) 510 685-6700

PROJECT NAME OLIVER RUBBER NO. 2410

ADDRESS 1200 65TH ST OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:
24 HR TURN AROUND PLEASE

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH GASOLINE (EPA 5030/8015)	TPH GASOLINE/BTEX (EPA 5030/8015-8020)	TPH DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 B&F or B&F)	PCB (EPA 608/8080)	PHENOLS (EPA 604/8040)	LUFT METALS (5) (EPA 6010+7000)	PRIORITY POLLUT. (13) (EPA 6010 ICP + 7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM MET (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY
STK 1	12/26	1:30	S	1													X			
STK 2	12/26	1:30	S	1													X			

CHROMALAB FILE # 1291219
ORDER # 4628

1. RELINQUISHED BY:	1. RECEIVED BY:	2. RELINQUISHED BY:	2. RECEIVED BY LABORATORY:
Craig Hertz 2:30			14:30
(signature) (time)	(signature) (time)	(signature) (time)	(signature) (time)
Craig Hertz 12/26			Yiu Keung Tam 12-26-91
(printed name) (date)	(printed name) (date)	(printed name) (date)	(printed name) (date)
Company- ASE	Company-	Company-	Company- CHROMALAB

CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 5, 1991 ChromaLab File No.: 1191022

AQUA SCIENCE ENGINEERS, INC.

Attn: David Prull

RE: Four composited soil samples for Reactivity, Corrosivity, and Ignitability

Project Name: OLIVER RUBBER
Project Number: 2410
Date Sampled: Nov. 4, 1991 Date Submitted: Nov. 4, 1991
Date Analyzed: Dec. 5, 1991

RESULTS:

Sample I.D.	Reactivity	Corrosivity	Ignitability
STKP 1 (A-D)	No	pH 7.5	No
STKP 2 (A-D)	No	pH 7.4	No
STKP 3 (A-D)	No	pH 7.7	No
STKP 4 (A-D)	No	pH 8.1	No
BLANK	No	pH 7.0	No
METHOD OF ANALYSIS	SEC.66705	SEC.66708	SEC.66702

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam (by DD)
Eric Tam
Laboratory Director

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CHROMALAB, INC.

Analytical Laboratory (E694)

5 DAYS TURNAROUND

December 12, 1991 ChromaLab File # 1191135 C

Client: Aqua Science Engineers Attn: Dave Prull

Re: One soil composite sample for Reactivity, Corrosivity and Ignitability analyses

Project Name: Oliver Rubber, 1200 65th St., Emeryville
Project Number: 2410
Sample I.D.: STKP5 (4 in 1 soil composite)

Date Sampled: Nov. 14, 1991 Date Submitted: Nov. 14, 1991
Date Analyzed: Dec. 10, 1991

Results:

Sample I.D.	Reactivity	Corrosivity	Ignitability
STKP 5	No	pH 7.6	No
BLANK	No	pH 7.0	No
METHOD OF ANALYSIS	Sec.66075	Sec.66708	Sec.66702

ChromaLab, Inc.

David Duong
Chief Chemist

Eric Tam
Laboratory Director

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