

Permit # 1

SONOMA COUNTY UNDERGROUND STORAGE TANK  
PERMIT APPLICATION  
SUPPLEMENTAL APPLICATION - TANK DESCRIPTION

FACILITY NAME: ROYAL TALLOW & SOAP CO. 2592 Lataville, Petaluma

Complete one form for EACH tank currently in operation, being installed, or being modified.

SECTION I - TANK/CONTAINER DESCRIPTION

Tank Number (from plot plan) \_\_\_\_\_

Container Type:  (01) Tank  (09) Other \_\_\_\_\_

Container Serial No. \_\_\_\_\_ Container U.L. No. \_\_\_\_\_

Container Manufacturer \_\_\_\_\_

Manufacturer Address \_\_\_\_\_

Manufacturer Phone \_\_\_\_\_

Year Container Installed 1973

Container Capacity 2,000 GL Dimensions of Container \_\_\_\_\_

Current Container Contents:

(01) Unleaded  (02) Regular  (03) Premium  (04) Diesel

(05) Waste Oil  (09) Other (list) \_\_\_\_\_

Product CAS Number (if known) \_\_\_\_\_

Has container been used previously to store different chemicals?  Yes  No  
(If yes, please fill out Section IV.)

Note: If new tank installation, manufacturer's data documenting product and tank compatibility must be provided. Please attach to this application.

USED TANKS CANNOT BE PLACED IN OPERATION WITHOUT PRIOR APPROVAL FROM ENVIRONMENTAL HEALTH SERVICES.

SECTION II - CONTAINER CONSTRUCTION (check all appropriate boxes)

Primary Container

Thickness of Primary Containment:

\_\_\_\_\_  gauge  inches  centimeters  unknown

Vaulting:  (01) Vaulted  (02) Non-Vaulted  (u) Unknown

Walling:  (01) Double  (02) Single  (03) Lined  (09) Other

Walling Material:  (01) Carbon Steel  (02) Stainless Steel

(03) Fiberglass  (04) Polyvinyl Chloride  (05) Concrete

(06) Aluminum  (07) Steel-Clad  (08) Bronze

(09) Composite  (10) Non-Metallic  (11) Earthen Walls

(u) Unknown  (99) Other: \_\_\_\_\_



Dillard Trucking, Byron, Ca.

If no: Name of company hauling tank: ~~ENVIRONMENTAL SERVICES, INC.~~  
and their DHS Hazardous Waste Hauler's License No.: ~~3800278003206~~

Tank/piping destination for disposal or destruction (facility name and address):  
~~ENVIRONMENTAL SERVICES, INC. - CHINA BASIN -~~  
~~SAN FRANCISCO, CALIFORNIA~~ ERICKSON, Richmond, Ca.

Is/are the tank(s) to be used for scrap metal?  Yes  No

If yes, facility name and address: ~~ENVIRONMENTAL CORPORATION,~~  
ERICKSON, RICHMOND, CALIFORNIA

Is/are the removed tank(s) proposed for reuse as aboveground storage tank(s)?  
 Yes  No

If yes: Name of owner: \_\_\_\_\_  
Location of reuse: \_\_\_\_\_  
Nature of reuse: \_\_\_\_\_  
Chemical to be stored: \_\_\_\_\_

Local fire jurisdiction approval is required prior to reusing tank for aboveground storage.

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Section II - Tank Closure-In-Place

Provide a plot plan of existing facility showing property boundaries, location of tank(s) to be closed-in-place, underground utilities, wells, equipment, and any remaining tanks.

Name of company cleaning tank: \_\_\_\_\_  
Name of company hauling rinsate: \_\_\_\_\_  
and their DHS Hazardous Waste Hauler's License No.: \_\_\_\_\_  
What inert material (e.g., sand/cement slurry) will be used to fill the cleaned in-place tank and piping? \_\_\_\_\_

Section III - Tank Temporary Closure

Provide a plot plan of existing facility showing property boundaries, location of tank(s) to be temporarily closed, underground utilities, wells, equipment, and any remaining tanks.

Name of company removing product contents: \_\_\_\_\_  
and their DHS Hazardous Waste Hauler's License No.: \_\_\_\_\_

Donald L. Marchant  
Applicant's Signature  
3-30-89  
Date

PETROLEUM ENGINEERING, INC.  
11 West Ninth Street  
SANTA ROSA, CALIFORNIA 95401  
(707) 545-0360 License No. 224358





Permit # \_\_\_\_\_

FOR OFFICE USE ONLY  
# tanks closed \_\_\_\_\_  
# tanks remaining \_\_\_\_\_

SONOMA COUNTY UNDERGROUND STORAGE TANK CLOSURE  
SUPPLEMENTAL PERMIT APPLICATION

FACILITY NAME: ROYAL TALLOW & SOAP COMPANY  
FACILITY ADDRESS: 2592 LAKEVILLE HIGHWAY, PETALUMA, CA  
CONTRACTOR'S NAME: PETROLEUM ENGINEERING, INC. Phone No.: (707) 545-0360

Indicate which type of tank closure you are applying for:

- Permanent closure
- Removal       Closure-in-place
- Temporary closure

Number of tanks being closed: 2

For each tank being closed, list the following:

Tank size (gallons)	Age of tank (years)	Tank contents (chemical name)
<u>1000 <del>500</del></u>	<u>UNKNOWN + 31 years</u>	<u>(GASOLINE)</u>
<u>2,000</u>	<u><del>1979</del></u>	<u>(GASOLINE)</u>
_____	_____	_____
_____	_____	_____

Date last operated tank(s) \_\_\_\_\_

EPA hazardous waste generator number for your facility: CAC000102333

Soil sampling for product contamination must be done for any type of tank closure. List the analytical laboratory to be used for analysis:

Name of laboratory: PACE LABORATORIES, INC Phone: (415) 883-6100

NOTE: Submit copy of analytical test results to the Sonoma County Public Health Department.

- If the tank is to be removed, complete Section I below.
- If the tank is to be closed-in-place, complete Section II below.
- If the tank is to be temporarily closed, complete Section III below.

NOTE: All tank(s) product contents must be removed prior to closure of the tank(s).

Section I - Tank Removal

Provide a plot plan of existing facility showing property boundaries, location of tanks to be removed, underground utilities, wells, equipment and any remaining tanks.

Will the tank(s) be cleaned on site?  Yes  No

If yes: Name of company cleaning tank: N/A

Name of company hauling rinsate: DeWitt Trucking & Gas.

and their DHS Hazardous Waste Hauler's License No.: 99 13226

Tank/piping destination (facility name and address): WELLSERVICES

WELLSERVICES, 1000 W. WASHINGTON ST., WILSONVILLE, OR 97148

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Lining Type:  (01) Rubber  (02) Alkyd  (03) Epoxy  
 (04) Phenolic  (05) Glass  (06) Clay  (07) Unlined  
 (09) Other  (u) Unknown

Wrapping Type:  (01) Polyethylene  (02) Vinyl  (03) Cathodic Protection  
 (04) Tar or Asphalt  (06) None  (09) Other  (u) Unknown

Cathodic Protection:  (01) Electric Anode  (02) Sacrificial

Secondary Container (If container is double-walled and walling material is the same as the primary container, skip this section.)

Volume of Secondary Containment \_\_\_\_\_

Thickness of Secondary Containment \_\_\_\_\_

Walling Material:  (01) Carbon Steel  (02) Stainless Steel  
 (03) Fiberglass  (04) Polyvinyl Chloride  (05) Concrete  
 (06) Aluminum  (07) Steel-Clad  (08) Bronze  
 (09) Composite  (10) Non-Metallic  (11) Earthen Walls  
 (u) Unknown  (99) Other: \_\_\_\_\_

Piping Type (check all appropriate boxes):

Above-Ground

(01) Double-Walled Pipe  (02) Concrete-Lined Trench  (03) Gravity  
 (04) Pressure  (05) Suction  (07) None  (u) Unknown  
 (09) Other \_\_\_\_\_

Below-Ground

(01) Double-Walled Pipe  (02) Concrete-Lined Trench  (03) Gravity  
 (04) Pressure  (05) Suction  (07) None  (u) Unknown  
 (09) Other \_\_\_\_\_

### SECTION III - MONITORING AND LEAK DETECTION SYSTEMS

Tank Leak Detection (check all appropriate boxes):

(01) Visual  (02) Stock Inventory  (03) Tile Drain  
 (04) Vapor Sniff Wells  (05) Sensor Instrument  
 (06) Groundwater Monitoring Wells  (07) Pressure Test  
 (08) Internal Inspection  (10) None  (u) Unknown  
 (09) Other (specify) \_\_\_\_\_

Pipe Leak Detection:

Pressure Loss Detector  Other (specify) \_\_\_\_\_

Manufacturer \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_



**PETROLEUM  
ENGINEERING, INC**

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MS  
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HAZARDOUS MATERIALS

GENERAL CONTRACTORS  
11 WEST NINTH STREET SANTA ROSA, CA 95401 PHONE (707) 545-0360 LICENSE NO. 224358

**LETTER OF TRANSMITTAL**

County of Sonoma  
Public Health Department  
Hazardous Materials Section  
2435 Professional Drive  
Santa Rosa, CA. 95403  
ATTN: Alex

DATE July 17, 1989  
PROJECT Royal Toallow Soap  
Petaluma, CA.

WE ARE SENDING YOU THE FOLLOWING ITEMS:

- PRINTS                       SHOP DRAWINGS                       PLANS                       SPECIFICATION                       SAMPLES  
 MAINT & OPR INST                       COPY OF LETTER                       Soil Sample Results

COPIES	DATE	NO.	DESCRIPTION
1	7-17-89	4	Pace Lab, Analysys

THESE ARE TRANSMITTED AS CHECKED BELOW:

- FOR APPROVAL                       APPROVED AS SUBMITTED                       RESUBMIT \_\_\_\_\_ COPIES FOR APPROVAL  
 FOR YOUR USE                       APPROVED AS NOTED                       SUBMIT \_\_\_\_\_ COPIES FOR DISTRIBUTION  
 AS REQUESTED                       RETURNED FOR CORRECTIONS                       RETURN \_\_\_\_\_ CORRECTED PRINTS  
 FOR REVIEW AND COMMENT                       \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_                       PRINTS RETURNED AFTER LOAN TO US

REMARKS Alex,  
Please notify myself or Don Marchant of what steps you would like  
us to take to complete.

SIGNED: X [Signature]



**PETROLEUM  
ENGINEERING, INC**

GENERAL CONTRACTORS  
11 WEST NINTH STREET SANTA ROSA, CA 95401 PHONE (707) 545-0360 LICENSE NO. 224358

*AS aff*  
*File*  
*Mark*  
*Jello*  
*MS*  
*JD*  
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JUL 23 1989  
HAZARDOUS MATERIALS

**LETTER OF TRANSMITTAL**

County of Sonoma  
Public Health Department  
Hazardous Materials Section  
2435 Professional Drive  
Santa Rosa, CA. 95403  
ATTN: Alex

DATE July 17, 1989  
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 FOR REVIEW AND COMMENT                       \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_                       PRINTS RETURNED AFTER LOAN TO US

REMARKS Alex,  
Please notify myself or Don Marchant of what steps you would like  
us to take to complete.

SIGNED: X *[Signature]*



JUL 15 1989

July 14, 1989

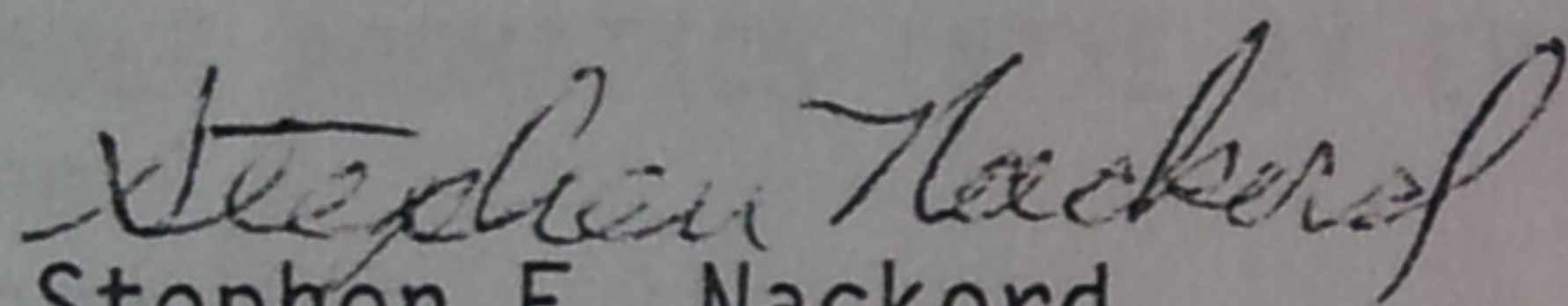
Mr. Don Marchant  
Petroleum Engineering  
11 W. 9th Street  
Santa Rosa, CA 95401

Dear Mr. Marchant:

Enclosed is the report of laboratory analyses for samples received 06/30/89.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,



Stephen F. Nackord  
Director, Sampling and Analytical Services

Enclosures





REPORT OF LABORATORY ANALYSIS

Offices:
Minneapolis, Minnesota
Tampa, Florida
Coralville, Iowa
Novato, California
Leawood, Kansas

Petroleum Engineering
11 W. 9th Street
Santa Rosa, CA 95401

July 14, 1989
PACE Project Number: 490630600

Attn: Mr. Don Marchant

Royal Tallow & Soap

Date Sample(s) Collected: 06/30/89
Date Sample(s) Received: 06/30/89

PACE Sample Number:
Parameter

Table with 5 columns: Units, MDL, 742750 (630-1), 742760 (630-2), 742770 (630-3)

INORGANIC ANALYSIS

ppm

ORGANIC LEAD IN SOIL; CA DHS METHOD #338
Organic Lead, as Pb
Date of Analysis

Table with 5 columns: Units (mg/kg wet), MDL (0.5), 742750 (ND), 742760 (ND), 742770 (ND) and corresponding dates (07/08/89)

ORGANIC ANALYSIS

PURGEABLE FUELS AND AROMATICS

TOTAL FUEL HYDROCARBONS, (LIGHT):
Purgeable Fuels, as Gasoline (EPA 8015)
PURGEABLE AROMATICS (BTXE BY EPA 8020):
Benzene
Ethylbenzene
Toluene
Xylenes, Total

Table with 5 columns: Units (mg/kg wet), MDL (1.0, 0.005), and three sample columns with values (170, 86, 820, 1.2, 0.68, 9.3, 2.8, 1.40, 18, 1.1, 0.57, 32, 18, 8.5, 110)

ND Not detected at or above the MDL.
MDL Method Detection Limit



Mr. Don Marchant  
Page 2

July 14, 1989  
PACE Project Number: 490630600

PACE Sample Number:  
Parameter

Units	MDL	742780 630-4
<i>PPM</i>		

INORGANIC ANALYSIS

ORGANIC LEAD IN SOIL; CA DHS METHOD #338  
Organic Lead, as Pb  
Date of Analysis

mg/kg wet	0.5	ND
		07/08/89

ORGANIC ANALYSIS

PURGEABLE FUELS AND AROMATICS  
TOTAL FUEL HYDROCARBONS, (LIGHT):  
Purgeable Fuels, as Gasoline (EPA 8015)  
PURGEABLE AROMATICS (BTXE BY EPA 8020):  
Benzene  
Ethylbenzene  
Toluene

mg/kg wet	1.0	-	670
mg/kg wet	0.005	2.9	
mg/kg wet	0.005	12	
mg/kg wet	0.005	19	

Xylenes, Total

mg/kg wet	0.005	69
-----------	-------	----

ND Not detected at or above the MDL.  
MDL Method Detection Limit

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.

*Stephen F. Nackord*  
Stephen F. Nackord  
Director, Sampling and Analytical Services

*Douglas E. Oram*  
Douglas E. Oram, Ph.D.  
Organic Chemistry Manager



CHAIN-OF-CUSTODY RECORD  
Analytical Request

Client PEL  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

Report To: Don Marchant  
Bill To: PEL  
P.O. # / Billing Reference 27636  
Project Name / No. Royal Tallow & Co.

Pace Client No. 750170  
Pace Project Manager LP  
Pace Project No. 490630.600  
\*Requested Due Date: Level 3

Sampled By (PRINT): T. Scott Gibson  
Sampler Signature T. Scott Gibson Date Sampled 6-30-89

NO. OF CONTAINERS	PRESERVATIVES				ANALYSES REQUEST
	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	VOA	
					TPH - Light BTX - E Total Org Lead

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	VOA	ANALYSES REQUEST	REMARKS
1	630-1		Soil	74275	1					x x x	Strong fuel odor ↓
2	630-2		↓	74276	1					x x x	
3	630-3		↓	74277	1					x x x	
4	630-4		↓	74278	1					x x x	
5	/										
6	/										
7	/										
8	/										

COOLER NOS.	BAILERS	SHIPMENT METHOD OUT/DATE	METHOD RETURNED/DATE	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
				1-4	<u>T. Scott Gibson PACE</u>	<u>C. ...</u>	<u>6/30/89</u>	<u>4pm</u>

Additional Comments: \_\_\_\_\_

10/2



COUNTY OF SONOMA  
PUBLIC HEALTH DEPARTMENT  
3313 Chanate Road  
Santa Rosa, California 95404

MEMO

Date: 24 Feb 89

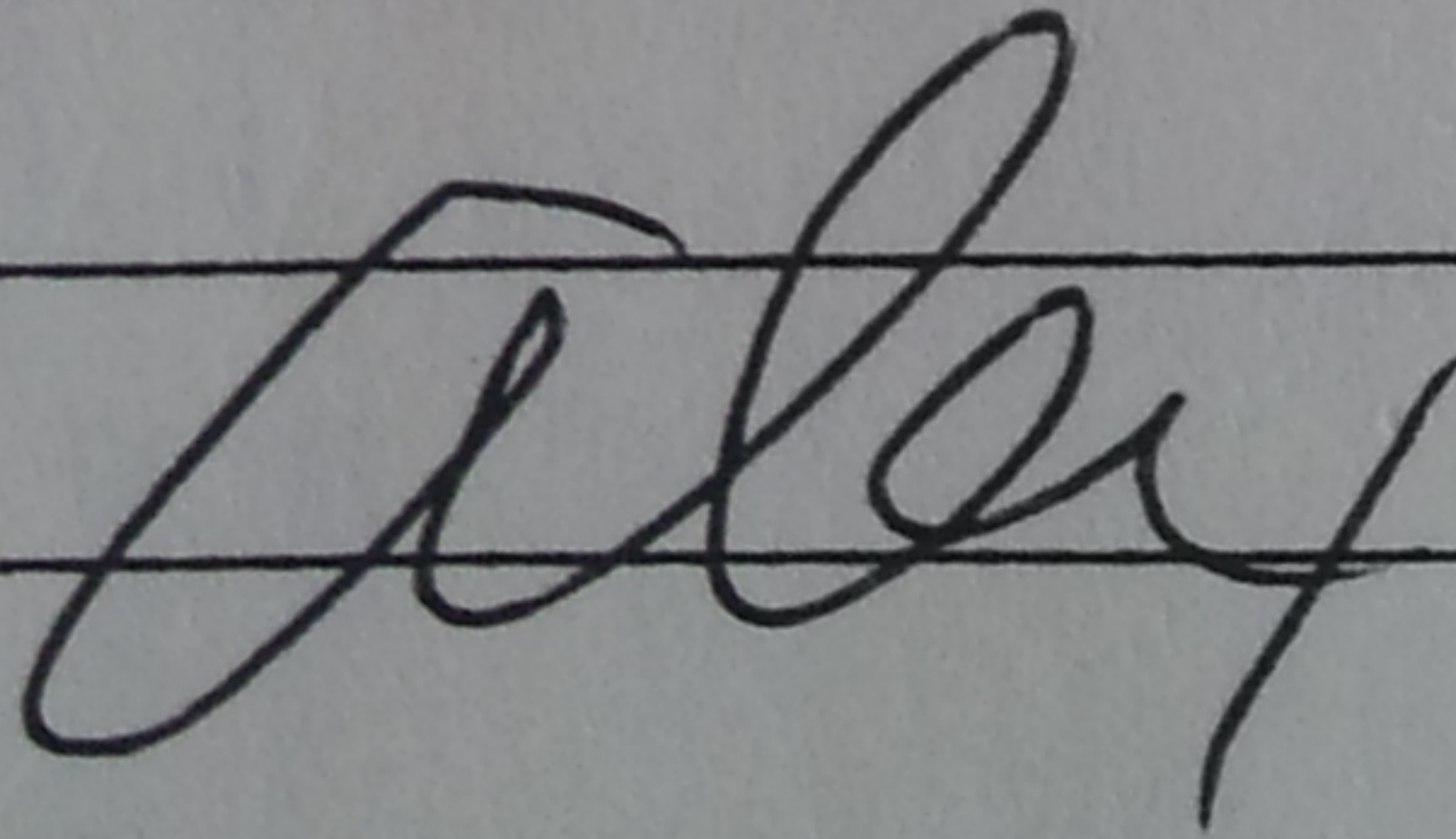
Time: \_\_\_\_\_

TO: Edward Jenkins  
FROM: Alex Schnieder 5273034  
SUBJECT: Closure

Enclosed please find  
directions & paper work  
necessary for closure.

The fee is \$180 for one  
tank + \$72 for each tank.

To avoid payment of operating  
fee & any penalties the  
closure permit must  
be received before  
March 31, 1989







ROYAL TALLOW & SOAP COMPANY

February 22, 1989

Mr. Jeff Lewin  
County of Sonoma  
Hazardous Material Program  
2435 Professional Dr., Suite A  
Santa Rosa, CA 95403

Dear Mr. Lewin,

Royal Tallow & Soap Company's processing plant in Petaluma was shut down as an operating plant in June of 1986. Our last delivery of fuel to our storage tank was on 04/29/86 and this fuel was used in our equipment until our tank was empty.

I would like to request a closure information package at this time in lieu of an operating permit.

Sincerely,

Edward H. Jenkins  
General Manager

EJ/blg

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**FEB 23 1989**

**HAZARDOUS MATERIALS**



# COUNTY OF SONOMA

INVOICE NO. P- 27612

PLEASE MAKE CHECK PAYABLE TO:

SONOMA COUNTY PUBLIC HEALTH DEPT.  
3313 CHANATE RD, SANTA ROSA, CA. 95404

MAIL TO:

TO: [ ID# 00001359  
Royal Tallow & Soap  
2592 Lakeville  
Petaluma, CA 94952

G# 6403

DATE: February 1, 1989

REVENUE CODE: 81363

QUANTITY	DESCRIPTION OF MATERIALS AND/OR SERVICES	PRICE	AMOUNT
	FACILITY: Royal Tallow & Soap, 2592 Lakeville, Petaluma		
	PAYMENT DUE DATE: 03/01/89		
	NUMBER OF TANKS: 1		
	Underground Storage Tank Annual Permit (1989-90) (1 tank @ \$144.00, 0 tank(s) @ \$72.00)	\$ 144.00	
	TOTAL DUE:		\$ 144.00
	As per Section 29-8(c) of County Ordinance 3415, a 10% penalty fee will be collected for all fees that are delinquent for 30 days. For each additional month or fraction in which the delinquency continues, an additional 10% penalty shall be collected.		
	PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT.		

INVOICE

