

W I D

Wilkinson Interiors & Development
2664 Maplewood Lane
Santa Clara, Calif. 95051

Dated Sept. 15, 1992

SUBJECT: UNDERGROUND TANK CLOSURE PLAN
WILKINSON PROPERTY
1025 Eastshore Fwy
Albany, Calif.
Job Phone: 527-1780

Mr. Larry Seto
Senior Hazardous Materials Specialist
Department of Environmental Health
#80 Swan Way, Room # 200
Oakland, California, 94621

G.W. OFFICE: 408-296-5386

Dear Mr. Seto:

Per our conversation on the telephone yesterday, we submit the UNDERGROUND TANK CLOSURE PLAN. (Three complete sets) .

Included is a copy of the tank test results for the 1989-1990 year. It is not clear to me if you need the copies of the tests at all. I just happened to run across these so ran you off a copy.

As we discussed on the phone, we hope to commence the tank removal the fore part of October. In fact, we have the contractors lined up to start. So if you can work it in to review these plans, it will be most appreciated.

Thank you for taking the time on the phone to instruct me in how to proceed.

I can ALWAYS be reached on the phone from 7:00 to 9:00 A. M. as my office is in my home. So if you have further instructions for me, I will respond very promptly.

Sincerely,

Gerald G. Wilkinson
Gerald G. Wilkinson
2664 Maplewood Lane
Santa Clara, California
95051

PHONE: 408-296-5386

NOTE: WORKERS' COMPENSATION CERTIFICATE, POLICY #784686-92 ATTACHED .

NOTE # 2: These TANKS were installed new by us in Sept. of 1982. They ARE single wall steel tanks - double wrapped - G.W.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 PHONE NO. 510/271-4320

new plan
 CLEAN UP
 Comp. 9-15-92

9-29-92
 Plans with additional
 # 15+16, C.S.

ACCEPTED

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

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

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

Any change 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 PERMITS.

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name WILKINSON EQUIPMENT CORP.
 Business Owner CEMENTIVA COMPANIES
 2. Site Address 1025 EASTSHORE FWY
 City ALBANY, CALIF. zip 94710 Phone 510-527-1780
 3. Mailing Address 1025 EASTSHORE FWY
 City Berkeley, CA. zip 94710 Phone 510-527-1780
 4. Land Owner GERALD G AND BONITA A. WILKINSON
 Address 2664 MAPLEWOOD LANE
SANTA CLARA, City, state CALIF. zip 95051
 5. Generator name under which tank will be manifested GERALD G. AND BONITA A. WILKINSON
- EPA I.D. No. under which tank will be manifested CRD009466392
CRICKSON, INC

6. Contractor Jensen Backhoe, Inc.
Address 909 Emory Avenue
City Campbell, California, 95008 Phone 408-378-3551
License Type* C-61 HZ ID# 548669
C-21 D-40

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant None
Address _____
City _____ Phone _____

8. Contact Person for Investigation
Name Gerald Wilkinson Title OWNER
Phone 408-296-5386

9. Number of tanks being closed under this plan Six
Length of piping being removed under this plan 70 Feet
Total number of tanks at facility 6

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter
Name ERICKSON, INC. EPA I.D. No. CAC000283329
Hauler License No. 019 License Exp. Date July '93
Address 255 PARR BLVD
City Richmond State CA Zip 94530

b) Product/Residual Sludge/Rinsate Disposal Site
Name ERICKSON, INC. EPA I.D. No. CAC00028332
Address 255 PARR BLVD.
City Richmond State CA Zip 94530

c) Tank and Piping Transporter

Name ERICKSON, INC. EPA I.D. No. CAC000283329
Hauler License No. 019 License Exp. Date JULY '93
Address 255 PARR BLVD
City Richmond State CA. Zip 94530

d) Tank and Piping Disposal Site

Name ERICKSON, INC. EPA I.D. No. CAC000283329
Address 255 PARR BLVD.
City Richmond State CA. Zip 94530

11. Experienced Sample Collector

Name BLAINE TEC SERVICES ^{Jim Keller,}
^{Rich Blaine}
Company BLAINE TEC SERVICES
Address 985 TIMOTHY DRIVE
City SAN JOSE State CA. Zip 95133 Phone ⁴⁰⁸⁻ 995-5535

12. Laboratory

Name SEQUOIA ANALYTICAL LABORATORIES
Address 680 CHESAPEAKE
City Redwood city State CA. Zip 94063
State Certification No. 145

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

CO2 Displacement

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
		NATIVE SOIL	1 FT. BELOW BACK FILL INTERFACE
8000 GA.	GASOLINE	" "	" 2
8,000 GA.	DIESEL	" "	" 2
4,000 GA.	GASOLINE	" "	" 2
1,000 GA.	USED OIL	" "	" 2
500 GA.	MOTOR OIL	" "	" 1
500 GA.	HYDRAULIC OIL	" "	" 1

and ground water if present

** 2- soil borings to be taken next to pipeline going into building and tested for TOG

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil

<p>Stockpiled Soil Volume (Estimated) 208 Cu/ Yards</p>	<p>Sampling Plan (1) 4 part composite for every 50 cubic yds. BAAAQMD (Initial screening)</p>
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Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Unleaded Gas <i>TPH(G) BTEX</i>	TPHG GCFID (5030)	EMA 8015	<u>TPHG</u> -1 mg/kg <u>BTEX</u> .005 mg/kg
Diesel <i>TPH(V)</i>	TPH D GCFID (3550)	EPA 8015	1.0 mg/kg
Used Oil <i>Total Oil & Grease VOC</i>	TPH G GCFID (5030)	EPA 8015	1.0 mg/kg
Motor Oil <i>Total Oil & Grease VOC</i>	503 D & E (3550)	EPA 8015	1.0 mg/kg
Hydraulic Oil <i>Total Oil & Grease VOC</i>	503 D & E (3550)	EPA 8015	1.0 mg/kg

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Compensation Insurance Fund #784686-92

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

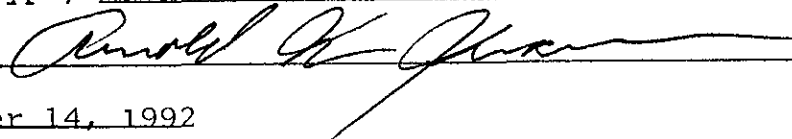
I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Jensen Backhow Inc.

Signature



Date September 14, 1992

Signature of Site Owner or Operator

Name (please type) Gerald G. Wilkinson

Signature



Date Sept. 15, 1992.

JENSEN BACKHOE, INC.
909 EMORY AVENUE
CAMPBELL, CA 95008
California State License #548669
(408) 378-3551

SITE SAFETY PLAN

Wilkinson Property
1025 Eastshore Hwy.
Albany, California

Introduction:

A Site Safety Plan (SSP) has been designed to address safety provisions during the site tank removal. Its purpose is to provide established procedures to protect all on-site personnel from direct skin contact, inhalation, or ingestion of potentially hazardous materials that may be encountered at the site. The SSP establishes personnel responsibilities, personal protective equipment standards, decontamination procedures, and emergency action plans.

JENSEN BACKHOE, INC. seeks to enter the property previously described for the purpose of conducting a standard tank removal.

This SSP describes means for protecting all on-site personnel from contamination or personal injury while conducting on-site activities. As described below, we will strive to meet all requirements mandated by the California Department of Health Services.

Responsibilities of Key Personnel:

All personnel on-site will have assigned responsibilities. Gerald Wilkinson will serve as Project Manager. Mr. Wilkinson will also serve as Site Safety Officer (SSO). As SSO, Mr. Wilkinson will assure that on-site personnel have received a copy of SSP. Compliance with the SSP will be monitored at all times by the SSO. Appropriate personnel protective equipment, will be available and utilized by all on-site personnel.

All on-site employees will take reasonable precautions to avoid unforeseen hazards. After documenting understanding of the SSO, each on-site employee will be responsible for strict adherence to all points contained herein. On-site employees are held responsible to perform only those tasks for which they believe they are qualified. Provisions of the SSO are mandatory and personnel associated with on-site activities will adhere strictly hereto.

Job Hazard Analysis:

Hazards likely to be encountered on-site include those commonly encountered when operating any mechanical equipment, such as the danger of falling objects or moving machinery. Simple precautions will reduce or eliminate risks associated with operating such equipment.

Qualified personnel **only** will have any contact with equipment. All on-site personnel are required to wear hard hats when in close proximity to equipment. Latex sampling gloves will be worn by persons collecting or handling samples to prevent exposure to contaminants. Gloves will be changed between samples, and used ones discarded, to avoid cross-contamination (provided by others). Furthermore, no on-site smoking, open flame, or sparks will be permitted in order to prevent accidental ignition.

Mechanical Safeguards:

- . Provide adequate working space around equipment.
- . Do not stand near backhoe buckets and earthmoving equipment.
- . Verify that all equipment is in good condition.
- . Do not stand or walk under elevated loads or ladders.
- . Do not stand near unguarded excavation and trenches.
- . Do not enter excavation or trenches over 5 feet deep that are not properly guarded, shored, or sloped.
- . Consult SSO if other mechanical hazards exist.

Risk Assessment Summary:

Exposure to chemicals anticipated on-site, include gasoline, benzene, toluene, xylene and ethylbenzene (BTX&E). These chemicals present a hazard because they are moderately to extremely toxic and most are highly flammable.

Threshold Limit Values (TLVs), Short Term Exposure Limits (STELs) and Toxicity levels (LD50, oral-rate), all in mg/kg (ppm), are listed below.

<u>Compound</u>	<u>TLV</u>	<u>STEL</u>	<u>Toxicity</u>
Gasoline	50	75	4894
Benzene	10.0	150	5000
Toluene	10.0	150	4300
Xylene	10.0	150	
Diesel	300	150	

Personal Protective Equipment:

Personnel on-site will have access to appropriate personal protective equipment (level C or greater). When handling samples, the on-site geologist will wear latex gloves.

Work Zones:

Access to the site will be restricted to authorized personnel. A set of cones, placards, or wide yellow tape, surrounding the site will define the perimeter. The Project Manager will be responsible for site security.

Decontamination Measures:

Avoidance of contamination, whenever possible, is the best method for protection. Common sense dictates that on-site personnel avoid sitting, leaning, or placing equipment on possibly contaminated soil. All personnel will be advised to wash their hands, neck and face with soap and water following each day's use.

General Safe Work Practices:

Personnel safety and hygiene should be of utmost consideration while on-site. To prevent ingestion of contaminants, no person shall be allowed to eat, drink, or smoke on the site. The SSO will designate an appropriate nearby area, where it will be safe to allow lunches, etc.

During the inerting process, and during removal, an explosimeter (Gas-Tech) will be on-site to determine proper levels. This instrument is factory serviced every six (6) months, and is calibrated within 24 hours prior to use in the field. Two (2) ABC rated fire extinguishers will be on-site for the duration of the project.

Medical Surveillance Program:

According to CFR 29, 1910.120, Paragraph (F), employees who wear respirators 30 days or more during one year or who have been exposed to hazardous substances or health hazards above established permissible exposure limits are required to be monitored medically. All site personnel will be required to have had a complete chemical/physical examination to comply with the medical monitoring program.

Contingency Plans:

In the event of accident, injury, or other emergency, the Project Director, Senior Project Manager, or other person will notify appropriate governmental agencies or individuals as follows:

1. Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California
415 271-4320

2. Police/Fire/EMT
911

3. CHEMTREC
1 800 424-9300

In the event of a mobile injury, the casualty shall be transported to the Alta-Bates Hospital, on the corner of Ashby and Regent, Berkeley, California. To reach the facility, the transporting unit will travel south on Eastshore Hwy. to Ashby Avenue, East on Ashby to Regent, and into the facility emergency entrance. The transporting unit will be met by previously notified personnel at the hospital.

SIGNED BY: JENSEN BACKHOE, INC., ON-SITE PERSONNEL

<u>Arnold B. Jones</u>	<u>Sept. 14, 1992</u>
	Date
<u>Gerald G. Williams</u>	<u>9-15-92</u>
	Date
_____	_____
	Date
_____	_____
	Date
_____	_____
	Date
_____	_____
	Date