



INCORPORATED 1898

1333 PARK AVENUE EMERYVILLE, CALIFORNIA 94608-3517

TEL: (510) 596-4300 FAX: (510) 596-4389

November 28, 2005

HOLLIS TECHNOLOGY SQUARE LLC 1166 Clarendon Cres Oakland Ca 94610

Subject: Former Rix Industries, 6460 Hollis Street, Emeryville

The City is the oversight agency for the site remediation on the Glashaus multi-family development proposed for 1269, 1289, and 1301 65<sup>th</sup> Street, which is adjacent to your 6460 Hollis Street property. During the investigation activities at the Glashaus property, the City learned that the Alameda County Health Care Agency and California Regional Water Quality Control Board, San Francisco Region issued a conditional closure for your 6460 Hollis Street site in a letter dated October 30, 1998 (see attached). The first two conditions of the closure were the maintenance of a Risk Management Plan (RMP) and recording of a deed notice.

Would you please provide me with copies of your RMP and proof that the deed notice was recorded. If you have any questions, please contact me at 510-596-4356.

Sincerely,

Ignacio Dayrit Project Manager

cc: Barbara Cook, DTSC

Stephen Hill, RWQCB

Donna Drogos Susan Colman

Ravi Arulanantham, Geomatrix Consultants



AGENCY DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 (510) 337-9335 (FAX)

October 30, 1998

Mr. Frank DeWolfe 4 Captain Drive, # 308 E Emeryville, California 94608

Subject:

Conditional Closure for the Former Rix Industries (STID # 376)

6460 Hollis Street, Emeryville, California 94608

Dear Mr. DeWolfe:

This agency and the Cal-EPA / San Francisco Bay Regional Water Quality Control Board (RWQCB) have reviewed the Soil and Groundwater Sampling Report and Health Risk Assessment, dated July 1998, prepared and submitted by Geomatrix Consultants for the above referenced site. It is our understanding that there is an on-going property transfer and the potential buyer intends to use the subject site for commercial offices and not for residential use.

The referenced report documented the recent work conducted to address water quality and potential human health risks associated with chlorinated solvents, petroleum hydrocarbons, and heavy metals found in soil and / or groundwater at the site. This agency and the RWQCB have evaluated the data collected to date for the site. Both agencies concur that the site is a low risk soil and groundwater case and the site can be closed with an approved Long - Term Risk Management Plan (RMP). The RMP should include at a minimum the following items:

- 1) Assurance that the RMP will be maintained in the future, including a letter outlining the process of deed notification.
- 2) Proof of recordation of the deed notice should be submitted to the RWQCB, City of Emeryville Building and Planning Department and this office.
- 3) Notification of change in land use should be submitted to RWQCB and this agency. A commercial scenario was used for the evaluation of human health risk conducted at the site.
- 4) No vertical conduit should be created between the shallow and deeper aquifer.
- 5) Due to the presence of solvents, petroleum hydrocarbon, and metals in soil and / or groundwater at the site, construction site workers who may handle soil and /or groundwater during future construction activities should take appropriate precautions.
- 6) If soils and groundwater are generated during construction activities at the site, a soil management plan and groundwater management plan should be developed and submitted to this agency.

Mr. Frank DeWolfe

RE: 6460 Hollis Street, Emeryville, CA 94608

October 30, 1998

Page 2 of 2

7) Any impacted soil not overlain by concrete or asphalt (i.e., landscaped areas) should be covered as part of site development with a minimum cover of 18 inches of clean top soil.

If you have any questions regarding this letter or the subject site, please contact me at (510) 567-6780 or Ravi Arulanantham at (510) 622-2308.

Sincerely,

Susan I. Hugo

Hazardous Materials Specialist

Ravi Arulanantham, Ph. D.

Staff Toxicologist, Cal-EPA/S.F.Bay RWQCB

Concur:

Stephen Morse, P.E., Chief

Toxics Cleanup Division, Cal-EPA/S.F. Bay RWQCB

Cc: Mee Ling Tung, Director, Environmental Health
Richard Pantages, Chief, Hazardous Materials Programs
Tom Graf, Geomatrix, 100 Pine Street, 10<sup>th</sup> Floor, San Francisco, CA 94111
Ignacio Dayrit, Emeryville Revelopment Agency, 2200 Powell Street, 12<sup>th</sup> Floor,
Emeryville, CA 94608

Eric Housh, MRE, 5801 Christie Ave., Suite 675, Emeryville, CA 94608 SH / RA / files

AGENCY DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

March 25,1998

Mr. Frank DeWolf 76-6287 Leone Street Kailua-Kona, Hawaii 96740

RE: Former Rix Industries - 6460 Hollis Street, Emeryville, CA 94608

STID # 376

Dear Mr. DeWolf:

This office has reviewed the results of the soil and groundwater investigation conducted on February 21, 1998 by Mr. Steve Bittman of International Geologic, a consultant working for Mr. David Holscher at the above referenced site.

On January 14,1998, I met with Mr. David Holscher, Mr. Scott Robinson, and Mr. Steve Bittman to discuss the status of the site investigation and additional work required to obtain site closure. It is my understanding that Mr. David Holscher is a potential buyer of the subject site and Mr. Scott Robinson is a Realtor representing the buyer. During this meeting, we discussed the San Francisco Bay Regional Water Quality Control Board's guidelines for evaluating sites for closure as a low risk groundwater case and the criteria are as follows:

- 1) The leak has been stopped and on-going sources have been removed or remediated.
- The site has been adequately characterized.
- 3) The dissolved hydrocarbon plume is not migrating.
- 4) No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.
- 5) The site presents no significant risk to human health.
- 6) The site presents no significant risk to the environment.

Review of the previous reports submitted to this agency showed that the former ten underground storage tanks (USTs) at the site had been either removed (12/27/94) or closed-in-place (8/4/94). It appeared that source removal (criteria #1 listed above) had been conducted at the site. Three shallow groundwater monitoring wells were installed at the site in July 1992 and all the wells detected concentrations of petroleum hydrocarbons, solvents and volatile organic compounds. Eight groundwater sampling events were conducted since 7/92 and recent sampling of the wells still showed concentrations of contaminants mentioned above.

Based on the issues discussed during the January 1998 meeting and to meet the requirements for conditional site closure, a workplan for subsurface investigation was prepared and submitted by International Geologic for Mr. David Holscher on February 17, 1998. Groundwater samples were collected on February 21, 1998 from two downgradient geoprobe/hydropunch locations on site and from three monitoring wells at the site. The downgradient sampling points (HP-1 & HP-2) showed TPH gasoline (up to 1,500 ppb), TPH diesel (up to 62,000 ppb), TPH kerosene (up to 61,000 ppb), TPH stoddard solvent (up to 860 ppb), TPH motor oil (up to 7,500 ppb) and significant levels of chlorinated solvents. In addition, the three wells detected varying levels of contaminants in the groundwater.

On March 9, 1998, I met with Mr. Dave Holscher, Mr. Scott Robinson and Mr. Steve Bittman to discuss the results of the recent groundwater sampling and the requirements to proceed with conditional closure for the site. The analytical results showed that the groundwater plume has not been adequately characterized. To meet the low risk groundwater case closure, additional downgradient sampling will be required, groundwater monitoring must be performed continuously to show that the plume is stable and /or shrinking, and the residual levels of contaminants in soil and groundwater left at the site must present no significant risk to human health, the environment and other sensitive receptors. A complete analytical results of the recent sampling was requested during the meeting and I received the requested analytical results via facsimile from Mr. Steve Bittman on March 17, 1998. It is also my understanding that a risk assessment has not been completed for the subject site.

This agency will be able to proceed with evaluating the subject site for closure as a low risk groundwater case and issue a conditional closure provided the six criteria are met. If you have any questions concerning this letter or the subject site, please contact me at (510) 567-6780.

Sincerely,

Susan L. Hugo

Hazardous Materials Specialist

Dusan F. Grego

c: Mee Ling Tung, Director, Environmental Health
Dick Pantages, Chief, Environmental Protection Division
Ravi Arulanantham, San Francisco Bay Regional Water Quality Control Board
Chuck Headlee, San Francisco Bay Regional Water Quality Control Board
George Warren, City of Emeryville Fire Dept., 2333 Powell Street, Emeryville, CA 94608
Scott Robinson, Robinson/McNally Real Estate, 911 Parker St., Berkeley, CA 94710
David Holscher, 1025 Carleton Street, Berkeley, CA 94710
Steve Bittman, International Geologic, 2831 Sylhowe Rd., Oakland, CA 94602
Erik Housh, MRE, 5801 Christie Avenue, Suite 675, Emeryville, CA 94608
SH / file



PROTECTION AL 96 AUG 13 AM 9: 38

August 12, 1996

Stephen I. Morse, Chief, Toxics Division Loretta K. Barsamian, Executive Officer California Regional Water Quality Control Board San Francisco Bay Region 2101 Webster Street, Suite 500 Oakland, CA 94612

Dear Sir and Madam:

On April 18, 1996, the enclosed letter was sent to you with respect to **RB FILE NO. 01-1916.** At issue was the demand of the Alameda County HMD that our client, C. Frank DeWolf, is compelled to install three additional monitoring wells at his property at 6460 Hollis Street, Emeryville. We presented the case, with Mr. DeWolf's authority, why he should not so be required.

In short, the HMD claimed it has to track plume to an adjacent property when such has already been determined by a recent EIR submitted by a prospective buyer. That EIR will be certified by the City of Emeryville next month.

Our letter was in response to your letter of March 29, 1996, in which you requested technical reports as to soil and groundwater pollution. Those reports were delivered to your office, care of your attention, by UPS on May 15, 1996. And on June 5, 1996, we sent to you by UPS the current quarterly, groundwater sampling report.

It is the issue of these quarterly reports we wish now to address.

Since 1992, and a cost of some \$6,000 per annum, Mr. DeWolf, has provided the Alameda County HMD with reports of groundwater sampling every quarter. He agreed to comply with the County's demands for such on two premises:

- 1. When tanks were triple washed and slurried under the structure, toxic levels would drop and a closure would be forthcoming.
- 2. The State UST Cleanup Fund would pay for the tests.

# Letter to Morse/Barsamian: 8/12/96. Page 2.

# **ISSUE #1: NO REMISSION**

Clearly the report of our environmental engineer (SEE EXHIBIT A), confirmed by test results from the past four years, indicates there is little remission in the contaminants left by the previous owner, a paint company, or those left by No Name Creek, and a closure is not likely. We believe the tests have proved this fact conclusively and need not be continued.

# **ISSUE #2: STATE FUND**

While we have withheld applying to the State Fund for recompense until all the issues are resolved, we cannot imagine how the tests now in effect could continue to qualify for such. In this instance, the question arises: Should both the Fund and Mr. DeWolf be burdened with meaningless "research."

Very truly yours,

Miles K. Benedict

encls:

cc: /C. Frank DeWolf

 $\sqrt{ ext{Gordon Coleman, Acting Chief, EPA}}$ 

Bruce Hageman

# EXHIBIT A



SONIE STATE OF AL

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

July 29, 1996

Mr. Miles Benedict MRE Commercial Real Estate 5801 Christie Avenue Suite 675 Emeryville, CA.

RE: Rix Industries 6460 Hollis Street Emeryville, CA.

Dear Miles:

In response to your request for a review of the results of the groundwater sampling program that has been in effect at 6460 Hollis street, Emeryville, Ca since 1992.

If you review the Quarterly Groundwater Sampling Report Issued on May 28, 1996 you will find a tabulation of the laboratory analysis since 1992.

You will notice that MW-1, Mw-2, and MW-3, there has been little change in the presence of TPH, as gasoline, since we started the sampling in 1992. The Benzene, Toluene Ethly-Benzene and Total Xylenes have never been significant contributors to the groundwater contamination.

The levels of TPH, as Kerosene, has attenuated to non-detect levels since 1994,

The presence of Diesel has had little change from 1994 to 1996.

The levels of Mineral Spirits in M-W 1, has experienced little change from 1994 thru 1996. However, M-W 2 and M-W-3

have experienced some attenuation over the same period of time.

Alcohols and Ketones: There are still a significant levels of Acetone and Methyl Ethyl Ketone in wells MW-1. MW-2 and MW-3.

**Volatile Organic Compounds:** MW-1 has historically has the lowest levels of volatile organics, however, MW-2 and MW-3 still have levels of compounds above MCL's for groundwater.

In total, I believe the change in Contaminant levels in groundwater at 6460 Hollis St. since 1994 has been small. It would appear groundwater will remain impacted for sometime to come.

I hope this answers your questions.

Best Regards

HAGEMAN-AGUIAR, INC.

Bruce Hageman



# ENVIROIMENTAL PROTECTION

96 APR 24 PM 3: 39

April 18, 1996.

Stephen I. Morse, Chief, Toxics Division Loretta K. Barsmian, Executive Officer California regional Water Quality Control Board San Francisco Bay Region 2101 Webster Street, Suite 500 Oakland, CA. 94612

# RE: RB FILE NO. 01-1916

Dear Sir and Madam:

In response to your letter of March 29, 1996. Our client C. Frank DeWolf has authorized me to write in his behalf and has approved the contents of the following.

We have six issues to raise and some history to share. But first, we wish to point out that hundreds of pages of technical information have been provided to the Alameda County Department of Environmental Health and measures taken at their demand that have cost Mr. DeWolf some \$120,000 to resolve UST problems acquired from the previous owner and to keep his doors open.

Setting aside that consideration for the moment, let us answer your statements of March 29th beginning with the review panel.

# ISSUE #1: DENIED HEARING

Mr. DeWolf who is 80 lives in Hawaii and was recovering from a seriously injured hip when he wrote on November 28, 1995 (SEE EXHIBIT A) asking for a hearing after the first of the year when he would be able to come to the mainland. His request was ignored; not even the courtesy of a response. The meeting was convened without Mr. DeWolf and his people and it concluded, as we surmise from your letter, he was found "guilty." Is there not a bit of "kangaroo court" in that kind of procedure?

# **ISSUE #2: MR. DEWOLF'S TESTIMONY VITAL**

By ignoring Mr. DeWolf's request for a hearing he could attend, essential facts of the matter were denied to the

state. These include representations made by a County employee to Mr. DeWolf and others on August 4, 1994. These in a meeting in my offices with Bruce Hageman, the environmental engineer engaged by Mr. DeWolf to provide the County data on the site for the past six years.

# ISSUE #3: LEGAL LIABILITY

In demanding Mr. DeWolf produce evidence that would be used against him in litigation, the County has clearly overstepped its authority. Mr. DeWolf's offer to present a legal opinion on the matter (SEE EXHIBIT A) was ignored. Such counsel (SEE EXHIBIT B) warns Mr. DeWolf of the liability to which he is exposed acceding to the County's demands.

# ISSUE #4: COUNTY HAS TRACKED PLUME

The question of the plume movement from Mr. DeWolf's property to that of Ryerson Steel west of it is already determined. The E.I.R. submitted by Sybase Corporation, which seeks to acquire and develop the Ryerson site, clearly says so (SEE EXHIBIT C). Tests were conducted under the auspices of the County, and that they were planned was concealed from Mr. DeWolf in the meeting of August 4, 1994.

# ISSUE #5: GOOD FAITH

For the past six years, Mr. DeWolf has complied with every demand the County has imposed upon him dealing with tanks he inherited and never used. Over 20% of his income has been spent to satisfy the County demands. Hundreds of pages of technical data have been collected and transmitted (and continue to be) to the County. Mr.DeWolf submits that good faith has been unilateral. For example, the County has:

# a. Withheld Letter of Compliance

On January 1, 1995, all of the demands of the County were met in UST remediation -- closure and removal. Yet five months later the promised Letter of Compliance was being denied Mr. DeWolf. It was only through the intercession of Lori Casias, Sacramento did Mr. DeWolf obtain that document so essential to the economic value of his property.

# b. Tenant Threatened With Removal

In November of 1993, as Mr. DeWolf was negotiating a new lease with Rix Industries and an agreement was being developed with the County on UST remediation, a representative of the County HMD told the Rix operations manager: "It's too bad you'll have to move," in discussing negotiations with the County. If you wish a deposition of that threat, Mr. DeWolf will supply it.

Letter to Morse/Barsmian: 4/18/96. Page 3.

# ISSUE #5: GOOD FAITH (Cont.)

# c. Ryerson Test Concealed

The County now seeks to impose on Mr. DeWolf an expenditure of another \$20,000 for wells including the cost of regular reports, another on-going economic millstone. The basis is an concession made while the Ryerson property tests were planned, a fact concealed from Mr. DeWolf. The County was also aware of the work being undertaken by Erler & Kalinowski, published in June, 1995.

# ISSUE #6: ALTERNATIVES AVAILABLE

The City of Emeryville Brownsfield Development report, the recent EPA grant to Emeryville should be considered. If the County is as "over\_aggressive" as the Lawrence Livermore study says it is, then let it be so with its own money, not that of an innocent landowner, C. Frank DeWolf.

# In Summary:

- 1. A proper hearing was not convened.
- 2, Mr. DeWolf's testimony is vital.
- 3. Litigation for damages is at risk.
- 4, Data on plume movement has been acquired.
- 5. Good faith has been breached.
- 6, Alternatives are available.

Mr. DeWolf is prepared to meet with you and expand on these points. It seems only fair to permit him his right to do so. He asks also that you consider the postscript on the following page relating to the history of the site.

Very truly yours,

Miles K. Benedict

cc: C. Frank DeWolf

Gil Jensen:, Alameda County D.A.'s office

Gordon Coleman, Acting Chief, EPA

Bruce Hageman

Robert DiSilverio, Jr., Esq.

Letter to Morse/Barsmin: 4/18/96. Page 4.

# POSTSCRIPT: SITE HISTORY

# From C. Frank DeWolf

# Regarding the site, Unnamed Creek and Sewer Outfall.

It is important to consider the history of the alley between the building at 6460 Hollis Street, corner of Ocean Avenue, and the building just north at the corner of 65th Street and Hollis.

The earlier plat of this strip of land titled it "No Name Creek," which had a broken sewer that tied into a sewer along Hollis Street. Behind the building at 6460 Hollis was a vacant lot owned by the same person from whom I acquired 6460 Hollis Street. This vacant lot was unsaleable because winter or summer it was a stinking marsh due to a broken sewer line which was fed all the way from the Berkeley hills through Berkeley, Oakland and Emeryville. Every early Winter it was a lake when the junction with the Hollis Street sewer plugged up.

Finally, a modern sanitary sewer was built but only down Ocean Avenue which in the course of time gradually reduced the swamp to tenable property which I later purchased at an Alameda County Tax Auction. How much petroleum and other toxic wastes come from this sewer is unknown.

# C. Frank DeWolf

November 28, 1995.

Ms. Susan L. Hugo Department of Environmental Health Alameda County Health Service Agency 1131 Harbor Bay Parkway Alameda, CA. 94602 VIA FAX: (510) 337-9335

Dear Ms. Hugo:

In response to your letter of November 17, 1995.

I did not agree to a December 12th meeting as your letter implies, since I will be unable to come to the mainland until after the first of the year.

Your letter, which responds to our letter of July 21, sets forth in writing for the first time the Ryerson matter. The crux of it is that the Ryerson test...

"...showed contamination which appeared to be related to the former underground storage tanks removed and/or closed in place at Rix Industries."

And your letter goes on further to state:

"This vertical and lateral extent of the soil and groundwater contamination related to the former tanks must be determined."

So the essence of your position is that I am probably contaminating the Ryerson property (more correctly the USTs left by Sterling Paint Company) and you want me to pay for an investigation to verify that hypothesis.

Further, the purpose of your investigation -- the Ryerson property -- was never brought up in previous discussions of additional monitoring wells. We now have a legal problem with respect to damage liability to consider. I have asked Miles Benedict, our representative, to look into our exposure.

Very truly yours,

C. Frank DeWolf

cc: Gil Jensen, Alumeda County D.A.'s Office Jun Makishima, Dept. of Environmental Health Miles Benedict. Bruce Hageman EXCERPT FROM ANALYSIS BY ROBERT DISILVERIO, JR. ATTORNEY AT LAW

site to confirm the County's supposition that chemicals have migrated from your client's site to the Ryerson property.

# Issues:

1) Does the County's demand that you drill additional wells present significant risk of further inconvenience and expense to your client?

The answer appears to be "Yes." You will likely become responsible for performing further cleanup and expense. Depending on findings after drilling, further cleanup procedures and expenses might prove necessary. Additionally, there is a risk that further drilling will lead to a conclusion that on-site pollution has migrated during the client's ownership to the neighboring site. Such a conclusion could set the stage for claims and suits by either the seller or the new buyer of the neighboring site.

2) What effect claims or suits by the owner(s) of the neighboring site?

Environmental impairment claims and suits can be inconvenient, protracted, expensive, and bitter. Involvement in such claims and suits certainly ought not be invited.

# Site Conditions

Soil and groundwater investigations were conducted at the project site in March 1995 and July 1995.<sup>3</sup> These investigations revealed contamination from several sources on and off the site. On-site sources include a former oil refinery on the paved portion of the Ryerson property and the western portion of the Breuner's site. (Figure 3.8-1). In 1990 two underground storage tanks (USTs) were removed from the southeastern corner of the Breuner's property. In 1992 a 10,000 gallon diesel UST was removed from the Ryerson property. As discussed below, all of these sources have caused petroleum hydrocarbon contamination at the project site. Investigations of soil and groundwater in the vicinity of the chemical storage areas on the Ryerson site and a former paint booth and vault on the Breuner's warehouse property indicate that these areas are not significant sources of soil and groundwater contamination (EKI, June 1995).

Based upon a review of the relevant regulatory agency records, four reported chemical release sites were identified and within several hundred feet of the project site. Although groundwater generally flows in a west/southwesterly direction in the project area, groundwater flow can fluctuate seasonally. Thus, properties to the south of the project site are potentially upgradient during certain times of the year.

These reported offsite chemical release sites include: RIX Industries (6460 Hollis Street), Henry Horn & Sons (1301 65th Street), Federal Express (1600 63rd Street), and Grove Valve and Regulator Company (6529 Hollis Street) (EKI, June 1995).

- The RIX Industries site is located across Hollis Street, approximately 70 feet east of the project site. (Figure 3.8-1). Investigations at the RIX site revealed that the soil and groundwater contain chlorinated solvents, industrial solvents, alcohols, and petroleum hydrocarbons. Tetrachloroethylene (PCE) has been detected in groundwater samples at concentrations as high as 2,200 micrograms per liter (ug/L). The extent of the chemical plume in groundwater on the RIX site has not, however, been determined. Due to its location directly upgradient of the project site, it is a likely source of volatile organic compounds (VOCs) and petroleum hydrocarbons detected on the site.
- The Henry Horn site is located directly across Hollis Street, to the north of the RIX site. Soil samples collected during a UST removal contained gasoline at concentrations of up to 180 parts per million. Benzen, Toluene and total Xylenes have been detected in groundwater samples at concentrations of 28, 4.3 and 5 ug/L, respectively.

<sup>&</sup>lt;sup>3</sup> The September 15, 1995 Final Site Investigation Report for the 64th and 65th Street Properties, prepared by Erler & Kalinowski Inc., is on file and available for public review at the City of Emeryville Planning Department. The data and other information presented in this section can be found in that report unless noted otherwise.

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

)

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, ÇA 94502-6577
(510) 567-6700

May 3, 1995 STID 376

Mr. Frank DeWolfe Kanaida #3001 78-261 Manukai Street Kailua - Kona, Hawaii 96740

Subject: Underground Storage Tank Removals at

Rix Industries Inc.

6460 Hollis Street, Emeryville, California 94608

Dear Mr. DeWolfe:

This letter confirms the closure of ten underground storage tanks at the referenced site. Five underground storage tanks (1 -2,000 gallon solvent and 4 -1,000 gallon solvent) located inside the building were closed in-place on August 4, 1994 and five underground storage tanks (1 -2,000 gallon and 4 -1,000 gallon) located outside the building (in the work & test area) were removed in December 27, 1994. These tanks were removed and/or closed place under our department's oversight.

On June 27, 1992, three shallow groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed at the subject site. Soil samples collected from the borings showed contamination as high as 1,800 ppm TPH gasoline, 3,000 ppm TPH diesel, 2,400 ppm kerosene, 2,100 ppm mineral spirits, 41 ppm methyl ethyl ketone, 4.9 ppm 720 ppb dicholoroethene, 31,000 ppb methyl isobutyl ketone, 96 ppb benzene, tetrachloroethene, 420 ppb trichloroethene, 19,000 ppb toluene, 960 ppb ethyl benzene and 8,000 ppb xylene. Groundwater samples collected from the wells found contaminants up to 9,300 ppb TPH gasoline, 20,000 ppb TPH diesel, 20,000 ppb kerosene, 21,000 ppb mineral spirits, 3.8 ppb benzene, 3,600 ppb toluene, 69 ppb ethyl benzene 1,880 ppb xylene, 28 ppb oil & grease, 980 ppb carbon tetrachloride, 480 ppb dichloroethane, 630 ppb tetrachloroethene, 2,200 dichloroethene, trichloroethane, 300 ppb trichloroethene and 46 ppb vinyl chloride.

Physical evidence collected during the tanks' removal (apparent holes in some of the tanks, corrosion, etc.) indicates that the former tanks had leaked at the site. Further site characterization and investigation is required to determine the vertical and lateral extent of the contamination at the subject property.

Mr. Frank DeWolfe

Re: 6460 Hollis St., Emeryville, CA 94608

May 3, 1995

A Phase II Work Plan dated September 1, 1994, prepared and submitted by Hageman-Aguiar, Inc., proposed three additional wells to be installed by February, 1995. To date, this office has not received any report documenting the installation of the wells. Please clarify if the wells were actually installed. If not, these wells must be installed no later than June 10, 1995.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- o proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Mr. Frank DeWolfe

Re: 6460 Hollis St., Emeryville, CA 94608

May 3, 1995

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,

Dusan J. Hugo Susan L. Hugo

Senior Hazardous Materials Specialist

Rafat A. Shahid, Director, Environmental Health Gil Jensen, Alameda County District Attorney's Office William Raynolds, Acting Chief, Environmental Protection Division / files Kevin Graves, San Francisco Bay RWQCB Bruce Hageman, Hageman-Aguiar, Inc., 3732 Mt. Diablo Blvd., Suite 372, Lafayette, California, 94549 Miles Benedict, MRE, 5801 Christie Avenue, Suite 675

Emeryville, California 94608



5110314

ALCO HAZMAT 95 JAN -5 PH 2: 50

January 3, 1995.

Ms. Susan Hugo Alameda County Health Services Agency Environmental Health Department Hazardous Materials Division 1131 Harbor Bay Parkway, 2nd Floor Alameda, CA. 94502

Dear Ms. Hugo:

Effective January 1st, it is my understanding that my client, Frank DeWolf, has complied in toto in the matter of the USTs at 6460 Hollis Street, Emeryville. Both phases of the UST projects have been completed: closure of the USTs under the structure last July, and removal of the tanks in the yard in December.

Since the USTs represent a legal liability that cost my client over \$100,000 to satisfy, we will proceed with both insurance claims and application to the State Water Resources Control Board for recompense. It is vital to these procedures that we have an acknowledgement of the work undertaken and the approval of such.

We have requested of Bruce Hageman, who undertook the work, proof that it was acceptable to the County. If it is not acceptable, we wish to know immediately so that remedial measures may be taken. If it has the County approval and is in compliance, we ask a statement of that fact from HMD.

Very truly yours,

Miles K. Benedict

cc: C. Frank DeWolf Bruce Hageman

# Receipt for **Certified Mail**

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Rix Industri	
Street and Na 6460 Hollis	Street
PO., State and ZIP Code EMERYVIIIe (	A 94508
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	
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PS Form **3800**, March 1993

Z 773 036 535.



# Receipt for **Certified Mail**

No Insurance Coverage Provided Do not use for International Mail

	(See neverse)		
	Sent to Frank DeWolf individu	e, as an	
	Street and No. 76-6287 Leon		
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# Receipt for Certified Mail

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PS Form **3800**, March 1993



Receipt for
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8. Addressee's Address (Only if requested

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Thank you for

In Re The Property Known As:
Rix Industries Inc. 6460 Hollis Street Emeryville, California 94608

Notice of Official Action By the San Francisco Bay Regional Water Quality Control Board

Dear Sirs:

The attached Official Notice of Request for Technical Reports pursuant to Water Code Section 13267(b) has been forwarded to this office for legal service, and oversight. As the Agency responsible for enforcing the terms of this Official Action, all communication should continue to be directed to this office. Please make arrangements to comply by calling me at (510) 567-6700 to coordinate all future activities.

Failure to comply could result in liability for civil or administrative penalties of up to \$1000 per day of delinquency.

I <u>Susan L. Hugo</u>, do hereby certify that I served <u>Frank DeWolfe</u>, <u>Rix Industries</u> with a copy of the attached <u>Notice of Official Action by the Regional Board</u> by certified mailer #Z 773 036 534.

Dated: 4/16/96

(signature)

cc: Gil Jensen, Alameda County District Attorney Files

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6460 Hollis Street Emeryville, California 94608 Notice of Official Action
By the San Francisco Bay
Regional Water Quality
Control Board

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Dated: 4/16/96

(signature)

cc: Gil Jensen, Alameda County District Attorney Files

In Re The Property Known As:
Rix Industries Inc.
6460 Hollis Street
Emeryville, California 94608

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I <u>Susan L. Hugo</u>, do hereby certify that I served <u>MRE Commercial</u> <u>Real Estate</u>, with a copy of the attached <u>Notice of Official Action</u> by the Regional Board by certified mailer #Z 773 036 536.

Dated: 4/16/96

(signature)

cc: Gil Jensen, Alameda County District Attorney Files

Rix Industries Inc. ) 6460 Hollis Street )	In	кe	The	Pro	perty	Knov	۷n	As	:	)	
Emeryville, California 94608 )	646	50 I	Holl:	ls S	treet		94	:608		) ) ) )	

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Failure to comply could result in liability for civil or administrative penalties of up to \$1000 per day of delinquency.

I Susan L. Hugo, do hereby certify that I served Miles Benedict, MRE Commercial Real Estate, with a copy of the attached Notice of Official Action by the Regional Board by certified mailer #Z 773 036 537.

cc: Gil Jensen, Alameda County District Attorney

Files

# STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION 2101 WEBSTER STREET, Suite 500

OAKLAND, CA 94612 Tel: (510) 286-1255 FAX: (510) 286-1380 BBS: (510) 286-0404



MAR 2 9 1996

RB File No. 01-1916

Rix Industries Inc. 6460 Hollis Street Emeryville, CA 94608

Frank DeWolfe dba Rix Industries 76-6287 Leone Street Kailua Kona, HI 96740-2270

Frank DeWolfe, as an individual 76-6287 Leone Street Kailua Kona, HI 96740-2270

MRE Commercial Real Estate as agent for Frank DeWolfe 5801 Christie Avenue, Suite 675 Emeryville, CA 94608

Miles Benedict dba MRE Commercial Real Estate as agent for Frank DeWolfe 5801 Christie Avenue, Suite 675 Emeryville, CA 94608

RE: Legal Designation of Responsible Party and Request for Submittal of a Technical Report Resulting from the Alameda County Department of Environmental Health's Pre-Enforcement Review Panel Meeting of December 12, 1995.

Dear Messrs. DeWolfe and Benedict:

It has been brought to my attention by the Regional Board staff that a condition of soil and groundwater pollution exists on the property located at 6460 Hollis Street, Emeryville, Alameda County from releases associated with the ten underground storage tanks removed and/or closed-in-place at the site. The Alameda County Department of Environmental Health (ACDEH) staff has requested technical reports from you to fulfill your obligations per California Code of Regulations, Title 23, Waters, Chapter 16, Underground Storage Tank Regulations, Article 11, Corrective Action Requirements.

Enforcement Review Panel Page 2 of 3

A Pre-Enforcement Review Panel was held at the Alameda County Department of Environmental Health Offices (ACDH) on December 12, 1995. The parties herein named were served with notice, and failed to appear. The Pre-Enforcement Review Panel having considered the evidence and facts available to it, found that the parties named herein are the owners and may have operated the tanks on the property. And as such are hereby named as responsible parties pursuant to law. The panel further found that there is evidence of contamination at property due to the leaking underground storage tanks which necessitates a technical report and workplan addressing the extent of contamination and all work to be performed as part of the corrective action required of responsible parties pursuant to California Code of Regulations, Title 23, Waters, Chapter 16, Underground Storage Tank Regulations, Article 11, Corrective Action Requirements.

Accordingly, you are hereby directed to submit a technical report to address soil and groundwater pollution within 45 days of the date of this letter. This technical report should specifically address the following numbered items:

- 1) A work plan to define the vertical and lateral extent of the chlorinated solvents and petroleum hydrocarbon contamination in soil and groundwater.
- 2) A report discussing the investigation regarding the contamination at the site completed to date and shall include but not limited to the groundwater monitoring data, monitoring well construction diagrams, soil borings, etc.
- 3) Interim remedial measures implemented or proposed to prevent the migration of the plume to adjacent sites.
- 4) Adhere to a quarterly schedule of well monitoring, sampling, and reporting.

All proposed work should adhere to the requirements articulated in The Tri-Regional Board Staff Recommendations for the Preliminary Evaluation and Investigation of Underground Storage Tank Sites - 8/10/90 and Article 11 of Title 23, Waters, California Code of Regulations.

I am hereby transmitting this request for a technical report to ACDEH for service and continued case handling. You should be aware that failure on your part to submit the requested technical report, or a submittal received after the date specified in this request may result in fines up to \$1,000 per day of delinquency. Your response to this technical report request should be sent to Ms. Susan L. Hugo, at ACDEH. Please inform Ms. Hugo at least three working days in advance of all field activities.

Enforcement Review Panel Page 3 of 3

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

If you have any questions regarding the contents of this letter, please contact Ms. Hugo, of ACDEH, at (510) 567-6780.

Sincerely,

Loretta K. Barsamian Exegutive Afficer

Stephen I. Morse Chief, Toxics Division

C: Gil Jensen, Alameda County District Attorney's Office, Consumer & Environmental Protection Division.
V Gordon Coleman, Acting Chief, Environmental Protection Div.
Susan L. Hugo, Sr. Hazardous Materials Specialist, ACDEH.



# STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

# UNDERGROUND STORAGE TANK PERMIT X PLICATION - FORM A



MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 4	A TY 5 CHA	NGE OF INFORMATION	7 PERMANENTLY O	OSED SITE
ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT	6 TEM	PORARY SITE CLOSURE		
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# INSTRUCTIONS FOR COMPLETING FORM "A"

### GENERAL INSTRUCTIONS:

One FORM "A" shall be completed for all NEW PERMITS, PERMIT CHANGES or any FACILITY/SITE

SUBMIT ONLY ONE (I) FORM "A" for a Facility/Site, regardless of the number of tanks located at the site.

The form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND. TANK INSPECTOR.

Please type or print clearly all requested information.

Use a hard point writing instrument, you are making 3 copies.

# TOP OF FORM: "MARK ONLY ONL! ITEM"

-1 att (X) in the box next to the item that best describes the reason the form is being completed.

# I. PAULLLY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

Record name and address (physical location) of the underground tank(s). NOTE: Address MUST have a valid physical location including city, state, and zip code. P.O. BOX NUMBERS ARE NOT ACCUPTABLE.

Include nearest cross street and name of the operator Phone number must have an area code. If the night number is the same, write "SAME" in proper location. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.) Check the appropriate box for TYPE OF BUSINESS.

If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".

Indicate the NUMBER of TANKS at this SITE.

Record the E.P.A. ID # or write "NONE" in the space provided.

# IL PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; if the same, write "SAME AS SITE" across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

# III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; If the same, write "SAME AS SITE" across this section. Be sure to check TANK OWNERSHIP TYPE box.

# IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Enter your Board of Equatization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the \$9,006 (6 mills) per gallon fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-323-9555 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

# V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency are exempt from this requirement.

# VL LEGAL NOTHICATION AND BILLING ADDRESS

Check ONI/ BOX for the address that will be used for BOTH LEGAL AND BILLING NOTHICATIONS.

# APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

# INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE PACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT PILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

> STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.P.P.S. DATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723



REMOVET

1-1-1/4

STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

# Troping to the second

# COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX HOUSTRIES, 6460 HOLLS & EMERIFICIE
I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # TANK DI B. MANUFACTURED BY: 4/1/KNOWN
C. DATE INSTALLED (MO/DAY/YEAR) LINENOCUM D. TANK CAPACITY IN GALLONS: 500
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL 8. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1b PREMIUM UNLEADED 5 JET FUEL 5 AVIATION GAS 2 PETROLEUM 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)  D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED 16 AVIATION GAS 4 GASAHOL 7 METHANOL 5 JET FUEL 99 OTHER (DESCRIBE IN ITEM D. BELOW)
III TANK CONSTRUCTION
A. TYPE OF SYSTEM 2 SINGLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  B. TANK 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
MATERIAL 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM B 100% METHANOL COMPATIBLE WFRP  (Primary Tank) 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER LINING  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) WONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NOWE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A 1 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND A (U) 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER LIGHT
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS  3. WAS TANK FILED WITH YES NO. 10
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNAPORE DECEMBER 34 BRUCE HALE MADE)  DATE  4-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #  O I O O O O O O O O O O
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

# INSTRUCTIONS FOR COMPLETING FORM "B"

### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDFRGROUND TANK INSPECTOR.
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

### TOP OF FORM: "MARK ONLY ONE TIEM"

- 1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed.

# I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IP UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (cx. AB70789).
- Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

# II. TANK CONTENTS

- A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
  2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of MOTOR VEHICLE PUEL (if box 1 is checked in A).
- D. Print the chemical name of the bazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

# III. TANK CONSTRUCTION - MARK ONE FIEM ONLY IN BOX A, B, C & D

- 1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If OTHER, print in the space provided.

# IV. PIPING INFORMATION

- i. Circle A if above ground; eircle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided.
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the riping.

# V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

# VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. FSTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

# APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

# INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please feave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERBY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.E.P.S. DATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723 TANK REHOVED

STATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD

# **UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX INDUSTRIES, 6465 HOLLS S. ENTERYWILLE
1. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A, OWNER'S TANK I.D. *  TANK A 1 B. MANUFACTURED BY: UN KNOWN!
C. DATE INSTALLED (MO/DAYYEAR) LINKNOWN D. TANK CAPACITY IN GALLONS: 500 GALS
II. TANK CONTENTS IF A-1 ISMARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL UNLEADED 5 JET FUEL 7 METHANOL 15 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED CHLORINATED WHENT C. A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B. AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  S CONCRETE  B. POLYVINYL CHLORIDE  TO GALVANIZED STEEL  B. TANK  MATERIAL  S CONCRETE  B. POLYVINYL CHLORIDE  TO GALVANIZED STEEL  S FIBERGLASS  4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC  TO METHANOL COMPATIBLE W/FRP  S 100% METHANOL COMPATIBLE W/FRP  TO GALVANIZED STEEL  S FIBERGLASS  S 100% METHANOL COMPATIBLE W/FRP  TO GALVANIZED STEEL  S FIBERGLASS  S 100% METHANOL COMPATIBLE W/FRP  TO GALVANIZED STEEL  S TANK  S 100% METHANOL COMPATIBLE W/FRP
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER //BA/E  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) HONG OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A U SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION AU SINGLE WALL AU 2 DOUBLE WALL AU 3 LINED TRENCH AU 95 UNKNOWN AU 99 OTHER
C. MATERIAL AND  AU 1 BARE STEEL  AU 2 STAINLESS STEEL AU 3 POLYVINYL CHLORIDE (PVC) AU 4 FIBERGLASS PIPE  CORROSION  AU 5 ALUMINUM  AU 6 CONCRETE  AU 7 STEEL W/ COATING -  AU 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION  AU 9 GALVANIZED STEEL AU 10 CATHODIC PROTECTION  AU 95 UNKNOWN  AU 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER NONTORING 99 OTHER
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH YES NO
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE) PRINTED & SIGNATURE FRANK DELECT By Druce Hospina 4-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #  O   O   O   O   O  O  O  O
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

#### INSTRUCTIONS FOR COMPLETING FORM "TP

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- Please type or print clearly all requested information.
- 4 Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE HEM"

- 1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed.

#### I. TANK DESCRIPTION - COMPLETE ALL YIEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate conners tank ID # " If there is a tank number that is used by the conner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.)
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

#### II. TANK CONTENUS

- A. I. If MOTOR VEHICLE FUEL, check box I and complete items B & C.
   3 If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & F.
- Check the appropriate box.
- C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S #. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE TITM ONLY IN BOX A, B, C & D

- Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle A it above ground; circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DIRECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- ESTIMATED QUANTITY of HAZARDOUS SUBSTÂNCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERBY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA

FFATH WATER RESOURCES CONTROL BOARD

(7-) 5.217 F.C.

1.4244 F.C.C. S.S.T.

1.0. BOX 527

PARAMOUNT, CA 90/23

TANK REMOVED

12/27/94

# STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX INDUSTRIES, 6460 HOLLIS ST. EMERYALLE
I, TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # TANK D B. MANUFACTURED BY: LINKNOWN
C. DATE INSTALLED (MO/DAYNEAR) LINKWOWM D. TANK CAPACITY IN GALLONS: 500
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A, 1 MOTOR VEHICLE FUEL 4 OIL B C 1a REGULAR UNLEADED 4 GASAHOL 6 AVIATION GAS
PETROLEUM 80 EMPTY 1 PRODUCT 15 PREMIUM UNLEADED 5 JET FUEL 7 METHANOL
D (5.4 to block the first and 5.5 conseques 5.7055)
Zin Deci 1
111. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E  1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN
A. TYPE OF SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
B. TANK MATERIAL 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP
(Primary Tank) 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
1 RUBBER LINED 2 ALKYD LINING 3 EPOXY LINING 4 PHENOLIC LINING C. INTERIOR 5 A STATE OF STATE
C. INTERIOR 5 GLASS LINING 6 UNLINED 95 UNKNOWN 99 OTHER_KLOKEE NO
1 DOLVETHVI ENE HIDAD 2 COATING 3 VINVI WIDAD A EIDEDGLASS DEINICODOCTO DI ACTIO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E, SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) MONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A U SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND AU 1 BARE STEEL AU 2 STAINLESS STEEL AU 3 POLYVINYL CHLORIDE (PVC) AU 4 FIBERGLASS PIPE CORROSION AU 5 ALUMINUM AU 6 CONCRETE AU 7 STEEL W/COATING AU 8 100% METHANOL COMPATIBLE W/FBP
PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER FLOWE
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING
6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS  3. WAS TANK FILLED WITH INERT MATERIAL?  NO PORT OF THE PROPERTY OF SUBSTANCE REMAINING GALLONS  1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS  3. WAS TANK FILLED WITH YES NO PORT OF THE PROPERTY OF THE PROP
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME  (PRINTED & SIGNATURE)
The state of the s
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW  COUNTY # JURISDICTION # FACILITY # TANK #
STATE I.D.# OU DOOD OOD OOD
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

#### -NSTRUCTIONS FOR COMPLICING FORM "PF

#### GENERAL INSTRUCTIONS:

- One I ORM "H" shall be completed for each tank for all NEW FERMITS, PERMIT CHANGES, REMOVALS and/or any
  other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies

#### TOP OF FORM, "MARK GNLY ONE THAT

- 1. Mark an (X) in the box next to the item that best describes the teason the futor is being completed
- 2. Indicate the DBA or Facility name where the tank is installed.

#### I. FANK DESCRIPTION - COMPLETE ALL TERMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the rank (ex. ACME TANK MFG.)
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 of 10,000 etc.).

#### H. TANK CONTENIS

- A. I. If MOTOR VEHICLE PULL, check boy I and complete items B & C.

  Z. If not MOTOR VEHICLE PULL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box
- C. Check the type of MOTOR VEHICLE FUEL (if box I is checked in A).
- D. Print the chemical name of the hazardous subviance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### HE TANK CONSTRUCTION - MARK ONE ITHM ONLY IN BOX A, B, C & D

- 1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If O'HHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Cucle A if above ground; circle U if underground; and circle both if applicable
- 2. If UNKNOWN, circle; or it OTHER, print in space provided
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LUAK DETECTION

1. Indicate the I FAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency, however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIEY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(6) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER PEROUPLES CONTROL ECARD
PART CARCLESTRG CENTER
POR BOX 527
PARAMOUNT, CA 90723

# TANK REMOVED 1 427/94 BIATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 8 TEMPORARY TANK CLOSURE 8 TANK REMOVED	SITE							
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLIS ST. ENERGY VILLE								
1. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN								
A. OWNER'S TANK I.D. # TANK "C" B. MANUFACTURED BY: LONK DOCUM								
C. DATE INSTALLED (MO/DAY/YEAR) LINK DUNY D. TANK CAPACITY IN GALLONS: 1000	]							
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.								
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANO 2 PETROLEUM 80 EMPTY 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BE	·L							
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED WARKNOWN-SLURRY FILLERS								
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E								
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 96 UNKNOWN SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER								
B. TANK MATERIAL  S CONCRETE  G POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLA  8 100% METHANOL COMPATIBLE W/FRP  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER	STIC							
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER LIONIE  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO	<b></b> -							
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 95 UNKNOWN 99 OTHER								
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NOWE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)								
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE								
A. SYSTEM TYPE AU 1 SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER								
B. CONSTRUCTION A 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER  C. MATERIAL AND A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/COATING A U 8 100% METHANOL COMPATIBLE W/								
PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER								
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER KLOWE								
V. TANK LEAK DETECTION								
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITO 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER	RING							
VI. TANK CLOSURE INFORMATION	_							
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  GALLONS  3. WAS TANK FILLED WITH YES NOT								
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRE	:CT							
APPLICANT'S NAME (PRINTED & SIGNATURE) FRANK DEWALF BRUKE HEEN AU DATE 4-94								
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW								
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #  O O O O O O O								
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE								

#### INSTRUCTIONS FOR COMPLETING FORM "B"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PURMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE TIEM"

- 1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed.

#### L. TANK DESCRIPTION - COMPLETE ALL FIEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### II. TANK CONTENTS

- A. 1. If MOTOR VEHICLE PUEL, check box I and complete items B & C.
  - 2 If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE TIEM ONLY IN BOX A, B, C & D

- 1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle A if above ground; circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided.
- 3. Indicate the LFAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DESECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE POLLOWING ADDRESS.

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.E.I.P.S. DATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723





#### STATE WATER RESOURCES CONTROL BOARD **UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON S ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED								
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX INDUSTRIES, 6460 HOLLIS & EMERYVILLE								
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN								
A. OWNER'S TANK I.D.# TANK "E" B. MANUFACTURED BY: LINKNOWM								
C. DATE INSTALLED (MO/DAY/YEAR) UNKNOWN D. TANK CAPACITY IN GALLONS: 1000								
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.								
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELICAL DECTRICATION OF THE NAME OF SUBSTANCE STORED 1 OF THE NAM								
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED MOSTLY WHER C. A. S. #:								
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E								
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER								
B. TANK MATERIAL  S CONCRETE  G POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER								
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER LIONE  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO								
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER								
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) MONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) MONE								
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE								
A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER								
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER								
C. MATERIAL AND AU 1 BARE STEEL AU 2 STAINLESS STEEL AU 3 POLYVINYL CHLORIDE (PVC) AU 4 FIBERGLASS PIPE CORROSION AU 5 ALUMINUM AU 6 CONCRETE AU 7 STEEL W COATING AU 8 100% METHANOL COMPATIBLE W/FF PROTECTION AU 9 GALVANIZED STEEL AU 10 CATHODIC PROTECTION AU 95 UNKNOWN AU 99 OTHER								
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER LIONE								
V. TANK LEAK DETECTION								
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER								
VI. TANK CLOSURE INFORMATION								
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING SUBSTANCE								
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORREC								
APPLICANT'S NAME (PRINTED & SIGNATURE) FRANK DEWOLF BY BRUCE HASEMAN)  DATE  44-94								
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW								
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #  OUT DOO TO T								
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE								

#### INSTRUCTIONS FOR COMPLETING FORM "B"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- 2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE ITEM"

- 1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Pacifity name where the tank is installed.

#### I. TANK DESCRIPTION - COMPLETE ALL TIEMS - IP UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### JI. TANK CONTENTS

- A. 1. If MOTOR VEHICLE FUEL, check box I and complete items B & C.
  - 2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C Check the type of MOTOR VEHICLE FUEL (if box I is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#, (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE FIFM ONLY IN BOX A, B, C & D

- the Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle A if above ground; circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided,
- 3 Indicate the LEAK DITECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DESIGNON

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONITI/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.H.E.P.S. DATA PROCESSING CENITER P.O. BOX 527 PARAMOUNT, CA 90723

# TANK CLOSED IN SPACE STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED							
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLS SPACET, EMERYLILLE CAT							
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN							
A. OWNER'S TANK I. D. # TANK H B. MANUFACTURED BY: LINKNOWN							
C. DATE INSTALLED (MO/DAY/YEAR)  LINKNOWN D. TANK CAPACITY IN GALLONS: 1000							
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.							
A. 1 MOTOR VEHICLE FUEL 4 OIL 8. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 2 PETROLEUM 80 EMPTY 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 7 METHANOL 3 CHEMICAL PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)							
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED DIESEL C. A. S. #:							
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E							
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER							
B. TANK MATERIAL  [Primary Tank]  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  7 ALUMINUM  8 100% METHANOI. COMPATIBLE W/FRP  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER							
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO							
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER							
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE							
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE							
A. SYSTEM TYPE AU 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER							
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 98 OTHER							
C. MATERIAL AND  A U 1 BARE STEEL  A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION  A U 5 ALUMINUM  A U 6 CONCRETE  A U 7 STEEL W/ COATING  A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION  A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION  A U 95 UNKNOWN  A U 99 OTHER							
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER NONTORING 99 OTHER							
V. TANK LEAK DETECTION							
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER							
VI. TANK CLOSURE INFORMATION							
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING FOO GALLONS INERT MATERIAL?  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING FOO GALLONS INERT MATERIAL?  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING FOO GALLONS INERT MATERIAL?							
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT  APPLICANT'S NAME  (PRINTED & SIGNATURE)  FRANK DECIKE By Blue Hagner  4-4-94							
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW							
STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #							
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE							

#### INSTRUCTIONS FOR COMPLETING FORM HE

#### GUNERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

#### TOP OF PORM: "MARK ONLY ONE LIEM"

- Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed

#### 1. TANK DESCRIPTION - COMPLETE ALL TITEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

#### II. TANK CONTUNIS

- A 1. If MOTOR VEHICLE FUEL, check boy I and complete items B & C.
  - 2. If not MOTOR VIMICLE FUEL, check the appropriate box in section A and complete items B & P.
- B. Check the appropriate box
- C. Check the 15pc of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE THEM ONLY IN BOX A, B, C & D

- Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2 If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle A if above ground, circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided
- 3. Indicate the I FAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DETECTION

1. Indicate the LLAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERILY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLISION OF THE LOCAL AGENCY USE ONLY INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B'(5) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA SPATE WATER PROTECTS (2016), REARD HENDERS CONTENT P EATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723 TANK CLOSED IN PLA

STATE WATER RESOURCES CONTROL BOARD 7/30/94
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLS ST, EMBRYILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I. D. # B. MANUFACTURED BY: LINKNOWN
C. DATE INSTALLED (MO/DAYNEAR) LINKHOWN D. TANK CAPACITY IN GALLONS: 1000
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A 1 MOTOR VEHICLE FUEL 4 OIL 8. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED METHYL ETHYL KETONE MEK.A.S.#:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  Ordering Frimary Fank)  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) WAS OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A 100 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A 1 SINGLE WALL A 1 2 DOUBLE WALL A 1 3 LINED TRENCH A 1 95 UNKNOWN A 1 99 OTHER  C. MATERIAL AND A 1 5 ALUMINUM A 1 6 CONCRETE A 1 7 STEEL W COATING A 1 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION A 1 9 GALVANIZED STEEL A 1 10 CATHODIC PROTECTION A 1 95 UNKNOWN A 1 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER NONE
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS INERT MATERIAL?  NO
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE)  FRANK DELENCT By December 14-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #  OIL DOO DOO
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

#### INSTRUCTORS FOR COMPLETING FORM "B"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PTRMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- 3. Please type or print clearly all requested information.
- 4 Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE FIEM"

- Mark an (X) in the box next to the item that best describes the reason the form is being completed,
- 2. Indicate the DBA or Facility name where the tank is installed.

#### I. TANK DESCRIPTION - COMPLETE ALL TIPMS - IF UNKNOWN - SO SPECIFY

- A. Indicate corners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789),
- B. Indicate the name of the company that manufactured the tank (ex. ACMETANK MFG.)
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### II. TANK CONTUNIS

- A. 1. If MOTOR VIHICLE PUEL, check box I and complete items B & C.
  - 2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & F.
- B Check the appropriate box.
- C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C A S #. (Chemical Abstract Service number), if box 1 is NO F checked in A.

#### III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

- L.—Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- Circle A it above ground; circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided.
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DETERMION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Cheek 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "IT (5) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD 5/O S.V. = 0.27. DALA PROFESSION CHROLIS E.O. BOA 527 PARAMOUNT, CA 90/23

TANK CLOSED IN PLACE

STATE WATER RESOURCES CONTROL BOARD

### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 6 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED							
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLIS ST. EMERYVILLE							
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN							
A. OWNER'S TANK I. D. # PANK"K B. MANUFACTURED BY: LINKINGEN							
C. DATE INSTALLED (MO/DAYNEAR) LINKENDED M D. TANK CAPACITY IN GALLONS: 505							
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.							
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 14 REGULAR UNLEADED 4 GASAHOL 7 METHANOL UNLEADED 4 GASAHOL 7 METHANOL UNLEADED 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)							
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED ETHYL SILICATE C.A.S.#:							
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E							
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER							
B. TANK MATERIAL  S CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER							
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  NO  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO							
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER							
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NOWE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)							
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE							
A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER							
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER							
C. MATERIAL AND A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W COATING A U 8 100% METHANOL COMPATIBLE W/FRP PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 99 OTHER							
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER RECOVE							
V. TANK LEAK DETECTION							
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING							
6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN \$ 99 OTHER NOWE							
VI. TANK CLOSURE INFORMATION							
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS INERT MATERIAL?  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS INERT MATERIAL?							
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT							
APPLICANTS NAME (PRINTED & SIGNATURE) (PRINTED & SIGNATURE) (PRINTED & SIGNATURE)  APPLICANTS NAME (PRINTED & SIGNATURE)  APPLICANTS NA							
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW							
STATE I.D.#  COUNTY # JUBISDICTION # FACILITY # TANK #  OIL OOO 065207							
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE							

#### INSTRUCTIONS FOR COMPLETING FORM IF

#### CENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGBINCY UNDURGROUND TANK INSPECTOR
- Please type or print clearly all requested information.
- Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE TIEM"

- Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- Indicate the DBA or Pacility name where the tank is installed.

#### 1. TANK DESCRIPTION - COMPLETE ALL TERMS - IF UNKNOWN - SO SPECHY

- Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789),
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- Indicate the year the tank was installed (ex. 1987).
- Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

#### II. TANK CONTENTS

- $\Lambda=1.$  If MOTOR VEHICLE FUEL, there box 1 and complete items B & C.
  - 2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- Check the appropriate box.
- Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S #. (Chemical Abstract Service number), if box I is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE TITM ONLY IN BOX A, B, C & D

- Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION. If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- Circle A it above ground, circle U if underground; and circle both if applicable.
- If UNKNOWN, circle; or if OTHER, print in space provided.
- Indicate the LEAK DITTECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DETECTION

1. Indicate the LFAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MOST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONLEFORM "A" AND ASSOCIATED FORM "II"(a) TO THE FOLLOWING ADDRESS.

> STATE OF CALIFORNIA SPATE WATER PREMING & CONTROL MARK 医特别氏线 医皮膜 AND PRODUCTION OF A PLANT AND A PARTY. P.O. BOX 527 PARAMOUNT, CA 90723

TANK CLOSED IN PLACE

STATE OF CALIFORNIA

#### STATE WATER RESOURCES CONTROL BOARD





#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLIS ST. EMERYALLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I. D. # 7ANK L 8. MANUFACTURED BY: LINKINGUM
C. DATE INSTALLED (MO/DAY/YEAR) LINKLOSERY D. TANK CAPACITY IN GALLONS: 500
11. TANK CONTENTS IF A-1 ISMARKED, COMPLETE ITEM C. SEC. BUTTL ALCOHOL
A.
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED  C. A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  5 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  95 UNKNOWN  99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  MONE  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER
B. CONSTRUCTION A U SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND A 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER 99 OTHER
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 60 GALLONS INERT MATERIAL?  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 60 GALLONS INERT MATERIAL?
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE) FRANK DECENCE By Bruces Assented Out 9-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.# COUNTY # JURISDICTION # FACILITY # OF TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

#### INSTRUCTIONS FOR COMPLICING FORM "IP"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
- 2. This form should be completed by either the PERMIT APPLICANY or the LOCAL AGENCY UNDERGROUND TANK INSPECTIVE
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE FIEM"

- I. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- Indicate the DBA or Facility name where the tank is installed.

#### I. FANK DESCRIPTION - COMPLETE ALL TIPMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.)
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### II. TANK CONTENIS

- A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
   2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of MOTOR VEHICLE PUEL (if box 1 is checked in A).
- Print the chemical name of the hazardous substance stored in the tank and the CAS#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

- 1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- 2. If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle  $\Lambda$  if above ground; circle U if underground, and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTHER, print in space provided
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DESIGNON

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE FOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALFORNIA STATE WATER RESOURCES CONTROL BOARD C/O SWELLES BATA DECOESSING CONTOP BOX 527 PARAMOUNT, CA 90/23 MAR CROSED

STATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD

#### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



#### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED							
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLS STEMERYAL							
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN							
A. OWNER'S TANK I. D. # TANK F B. MANUFACTURED BY: LINK NOW!							
C. DATE INSTALLED (MO/DAYNEAR) LINKNOWN D. TANK CAPACITY IN GALLONS: 500 GALLONS							
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.							
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 15 PREMIUM UNLEADED 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)  D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED SEC BUTY L ALROHOL C. A. S. #:							
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E							
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER							
B. TANK MATERIAL  6 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER							
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER **LONE**  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO							
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER							
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)							
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE							
A. SYSTEM TYPE AU SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER							
B. CONSTRUCTION AU 1 SINGLE WALL AU 2 DOUBLE WALL AU 3 LINED TRENCH AU 95 UNKNOWN AU 99 OTHER							
C. MATERIAL AND A 1 BARE STEEL. A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER							
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER 99 OTHER							
V. TANK LEAK DETECTION							
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER							
VI. TANK CLOSURE INFORMATION							
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS INERT MATERIAL?  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS INERT MATERIAL?							
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEŞT OF MY KNOWLEDGE, IS TRUE AND CORRECT							
APPLICANTS NAME (PRINTED & SIGNATURE) FAMANIC DEWOLF By Drue Hogun 1-4-94							
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW							
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #  OLD							
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE							

#### INSTRUCTIONS FOR COMPLITING FORM "B"

#### GENERAL INSTRUCTIONS:

1. One FORM 'B' shall be completed other TABLE STATES One FORM "B" shall be completed for each tank for all NEW PERMIS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION GRANCES.

This form shall AP Ramphed by child like PERMIT APPERIANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.

Please type or print clearly all requested information.

Use a hard point writing instrument, you are making 3 copies

#### TOP OF FORM: WARK ONLY ONE ITEMP

- Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed,

#### I. PANK DESCRIPTION - COMPLETE ALL TEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate covers tank ID # If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACM), TANK MFG.).
- Indicate the year the tank was installed (ex. 1987).
- Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

#### II. TANK CONTUNIS

- A 1. If MOTOR VEHICLE PUEL, check box I and complete items B & C.
  - 2, If not AICITOR VIHICLE FULL, check the appropriate box in section A and complete items B & D.
- Check the appropriate box.
- C. Check the type of MOTOR VEHICLE PULL (if box I is checked in A).
- 1). Print the chemical name of the hazardous substance stored in the tank and the CAS#. (Chemical Abstract Service number), if box I is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE TITM ONLY IN BOX A, B, C & D

- Check only one item in TYPE OF SYSTEM, PANK MATERIAL, INTERIOR LINING and CORROS ON PROTECTION
- HOTHER, print in the space provided.

#### IV. PIPING INPORMATION

- Circle A if above ground; circle U if underground; and circle both if applicable
- If UNKNOWA, circle: or if OTHER, point in space provided
- Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the pining.

#### V. TANK DIAK DIMECTON

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88).
- ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons)
- WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predefermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE PACELITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

> STATE OF CALIFORNIA STATE WATER RESOLUTION CONTROL MOAND 化抗压整理体 机毛霉 \* 《注》 的"无法可能疑疑。" 《注》 (1) (2) P.O. BOX 527 PARAMOUNE, CA 90723

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# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

### **Hazardous Materials Inspection Form**

11,111

		Site 371/	Site O A.	' t.100 650 11	C Toda	12,28,94
II.A	BUSINESS PLANS (Title 19)1. Immediate Reporting 270	Site Add	Name NIX	LINDUSTRIE Hollis	Street	
	2. Bus. Plan Stds 255 3. RR Cars > 30 days 255 4. Inventory Information 255 5. Inventory Complete 273 6 Emergency Response 255	city Em	eryville	Zip 94608	Phone	
	7. Training 255 8. Deficiency 255 9. Modification 255	(c) (d)	MAX AMT stored spection Catea	> 500 lbs, 55 gal	., 200 cft.?	
II.B	ACUTELY HAZ. MATLS		Haz. Mat/Waste	e GENERATOR/TRA Acute Hazardous I		
	10. Registration Form Filed 255 — 11. Form Complete 255 — 12. RMPP Contents 255 — 13. Implement Sch. Regid? (Y/N)	(b) (c) 10-102	I. Underground To			
	14. Offsite Corred, Assess. 255 15. Probable Risk Assessment 255 16. Persons Responsible 255	(d) Calif. Adi		(CAC) or the Heal	th & Safety Code (	HS&C)
	17. Certification 255 18. Exemption Request? (Y/N) 255 19. Trade Secret Requested? 255	(b) Comments	to: Net	Buce H	egenan phing: 5	UGTS
Ш,	UNDERGROUND TANKS (Title 23	remy	wed (12	127/94)	( )	
neral		(H&S)	0 10 50	Wayne VI	us Call	1/2 lt ba
<b>.</b>	4. Release Report 26:5. Closure Plans 26:	- Site	is year	imited o	estar over	scavatro
	6. Method 1) Monthly Test 2) Daily Vadose Semi-annual gnawate( One time sols 3) Daily Vadose	* Pipe	nge left	on situ (	3) were unged on	capped.
S.	One time sols GV) Annual tank test 4) Monthly Gnawater			h	1 1 1 1 1	<del>                                     </del>
Monitoring for Existing Lank	One time solls 5) Daily inventory Annual tank testing	lis gran	sahon i	Vas Fre	equia.	<u>u</u>
g for E	Vadose/gndwatermon.  6) Daily inventory	gran	<u>u</u>	<u> </u>		
onliada	Annual tank terting Cont pipe leak det 7) Weeldy Tank Gauge					
\$	Annual tank teting 8) Annual Tank Teeting Doby Inventory 9) Other					<u> </u>
	7. Precis Tank Test 26		۲			
	8. Inventory Rec262626					
w Tanks	11 Monitor Plan 26: 12.Access. Secure 26: 13.Plans Submit 27: Date:					
New	14. As Builf 26:					
Rev	6/84	<u> </u>	<del></del>			
	Contact:		شخر چين جيت شند منت جي پنڪ سون			11, 111
	Title:			nspector:	-f	
	Signature: _		Si	ignature:	Man J.	Hugo

PHOTOB GC

# Hageman - Aguiar, Inc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

### **FAX TRANSMISSION SHEET**

SUSAN HUGO ATTN:

COMPANY: Alameda County Health

337-4336 FAX:

FROM:

**COMMENTS:** 

This transmittal is page 1 of



Underground Contemination Investigations, Groundwater Consultants, Environmental Engineering

December 8, 1994

Ms. Susan Hugo
Alameda County Health Services Agency
Environmental Health Department
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Fax # (510) 337-9335

RE: Rix Industries 6460 Hollis Street Emeryville, CA.

Dear Sugan:

This is just a note to bring you up to date on the tank removal project at Rix Industries.

The project schedule is set up as follows: December 17, 1994, A roof brace will be installed on the on that portion of the roof over the back yard. This will allow us to remove the tanks under the existing over hang.

December 23, 1994

We will move on site to saw cut and brake up the existing concrete pad over the tanks.

December 24 & 25, 1994

Christmas Hve and Christmas Day: No Activity



December 26, 1994

The concrete will be removed and hauled off site for disposal. The tanks will be uncovered and prepared for removal.

December 27, 1994

Tanks will be removed, loaded on trucks for disposal. soil samples will be taken from tank excavations for laboratory analysis. Any over-excavation that may be required ( groundwater is anticipated at 2.8 feet, so there will be limited soil removal ). Composite soil samples will be taken of the spoils pile and preparations for removal and disposal.

December 28 & 29, 1994.

Excavation will be backfilled and compacted

December 30, 1994

Restore the area over the top of tank excavations with concrete.

There may be some small variations in the schedule, but every effort will be made to adhere to the schedule.

Susan, you will recall my last memo to you on November 16, 1994. regarding the request from Mr. Benedict for a Closure Letter on the five tanks that were Abandoned in Place, inside the work area. As we had discussed this letter from Alameda County is really necessary for Mr. DeWolf to pursue his claim with his insurance company. Any help you might be able to offer in expediting this letter will be greatly appreciated.

Should you have any questions regarding the schedule or comments on the project, please feel free to call me.

Sincerely,

SENT BY: HAGEMAN-AGUIAR, INC.

HAGEMAN-AGUIAR, INC.

cc: Mr. Miles Benedict

5102841664>



11/19/94 Buch Bruce

Julially Buginson measurements.

Al: Had buil measurements. Underground Contamination investigations, Groundwater Consultants, Environmental Engineering

November 16, 1994

SENT BY: HAGEMAN-AGUIAR, INC.

Ms Sugan Hugo Alameda County Health Services Agency Environmental Health Department Hazardous Materials Division

RE: Rix Industries 6460 Hollis Street Emeryville, CA.

Dear Ms. Hugo:

We have Just completed the second quarterly groundwater sampling event. The report is being developed including the EPA Method 8240 Analysis.

I you recall the last time we met, I discussed with you the need of a letter from your office regarding the successful Closure in Place of the five underground tanks inside the Rix building. They need the letter to submit their claim to the insurance carrier. -

Also you had mentioned a meeting that is to take Place at Regional Water Quality Control Board regarding the Implementation of Non Attainment Areas. Is the meeting still scheduled for November 22, at 9:30 A.M. on the fourth floor Board Room. Is it necessary to for us to notify anyone of our attendance.

I would appreciate your help concerning the above stated matters.

Sincerely,

HAGEMAN-AGUIAR, INC

# Hageman - Aguiar, Inc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

# **FAX TRANSMISSION SHEET**

SUSAN HUGO ATTN:

ALAMEDA COMMY HERES CHEE SERV.

Bruce Hosenan - Holenan - Abura, me. FROM:

COMMENTS:

FAX:

This transmittal is page 1 of \_\_\_\_\_\_\_

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# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

**Hazardous Materials Inspection Form** 

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

11,111

144	<u> </u>		Site # 376 Site Name RIX INDUSTRIES Today 1/3	3,94
II.A	BUSINESS PLANS (Title 19)			
	1. Immediate Reporting 2. Bus. Plan Stds.	2703 25503(b)	Site Address 6460 HOLLIS STREET	
	3. RR Cars > 30 days 4. Inventory Information 5. Inventory Complete	25503.7 25504(a) 2730	CITY FIVERY VILLE ZIP 94 GOR Phone	
	6. Emergency Response 7. Training	25504(b) 25504(c)	MAX AMT stored > 500 lbs, 55 gal., 200 cft.?	
	8. Deficiency 9. Modification	25505(a) 25505(b)	Inspection Categories:	
II R	ACUTELY HAZ. MATES		I, Haz, Mat/Waste GENERATOR/TRANSPORTER	
	10. Registration Form Filed	25533(a)	II_Business Plans, Acute Hazardous MaterialsIII. Underground Tanks	
	11. form Complete 12. RMPP Contents 13. Implement Sch. Regid? (Y/N)	25533(b) 25534(c)		
	14. Offsite Conseq. Assess. 15. Probable Risk Assessment 16. Persons Responsible	25524(c) 25534(d) 25534(g)	Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)	
	17. Certification 18. Exemption Request? (Y/N) 19. Trade Secret Requested?	25534(f) 25536(b) 25538	Comments: met Druce Hageman V	6
W.	UNDERGROUND TANKS (Title	23)	check the 5 UGTS outside who w	ere
ğ	1. Permit Application 2. Pipeline Leak Detection	25284 (H&S)	rinsed 10/22/94.	
General	3. Records Maintenance 4. Release Report	25292 (H&S) 2712 2651	Junk D- silled uf sont /come-	£
	5. Closure Plans 6. Method	2670	Jorks B. C & F - had water livel	2 as
	Monthly fest     Daily Vadose		agrot 2-3 wiches	
	Serri-annual gnawater One time sols		Jank A - had water livel a	ut
	<ol> <li>Daity Vadose         One time tolls         Annual tank test     </li> </ol>		agrot 36-37 inches I lead	(Inic)
Monitoring for Existing Tank	<ol> <li>Monthly Gnawater</li> <li>One firme sols</li> </ol>			7
Extain	<ol> <li>Dolly Inventory         Annual tank testing         Contiplies leak det     </li> </ol>		Per Bruce Hageona - Titerson Pan	ne Isa
g for	Vadose/gndwatermon.  6) Daily Inventory		[1301 65th St) will Tree in 124	1 IM
rHorfn	Annual tank testing Contiplae leak det 7) Weeldy Tank Gauge		to Rix the during 3 MWs ande	Turni
¥	Annual tank tisting 8) Annual Tank Testing		of angual desertion of directions	
	Daily Inventory 9) Other	_	I - Chloringted Solveris muci	56.
	7. Precis fank Test Date:	2643	included as a trust compound	Z
	8. Inventory Rec. 9. Soil Testing .	2644 2646	do an a later to the traction	
	10. Ground Water. 11.Monitor Plan	2647	gring and and sales gard	
Tanks	12.Access. Secure 13.Plans Submit	2634 2711		
3	14. As Built 16. As Built Date:	2635		<u></u>
Rev	<del></del>			
	Contact: _		1),	, III
	Title:		Inspector:	<u></u>
	Signature:		Signature: Men III	nex

5102841664>

# Hageman - Aguiar, Inc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

# **FAX TRANSMISSION SHEET**

ATTN: MS. SUSAN HUGO

Alament Coursey House Services Des COMPANY:

(50) 337-9335 FAX:

BRUCE HOLEON - HERMIN- AbunA FROM:

**COMMENTS:** 

This transmittal is page 1 of \_\_\_\_\_\_

510 337 9335;# 2



Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

November 2, 1994

Mr. Dave Silva
Rix Industries
6460 Hollis Street
Emeryville, CA
Fax # (510) 428-9102

RE: Outside Tank Project

Dear Dave:

We have been requested by Ms. Susan Hugo, Alameda County Health Services Department, to check the tanks in the backyard area for water. As you know we pumped and tripled washed the tanks while you were on vacation. Ms. Hugo, would like to check the tanks now to see if any water has reentered ( via holes in tanks ect.) . We have arranged to do this November 3, 1994 at approximately 2:00 P.M. with your approval. It should only take about 15 minutes to complete.

If you have any questions please give me a call.

Sincerely,

HAGEMAN-AGUIAR, INC.

wee.

Bruce Hageman

cc; Mr. Miles Benedict, MRS Real Estate

Ms. Susan Hugo, Alameda County Health Dept.

ſ



Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

November 2, 1994

Mr. Dave Silva
Rix Industries
6460 Hollis St.
Emeryville, CA 94608

Mr. Miles Benedict MRE Commercial Real Estate 5801 Christie Ave. Emeryville, CA 94608

Ms. Susan Hugo Alameda County Health Services Environmental Health Dept. Hazardous Materials Division 1131 Harbor Bay Parkway Alameda, CA 94502

Re: Tank Removal Project
"Outside Tanks"
Rix Industries
6460 Hollis Street
Emeryville, CA

I am writing all of you to-day, because it appears that we (Hageman-Aguiar, Inc.) have a problem with putting a crew together for the actual tank removal of the remaining five tanks for the agreed to date of December 23, 1994 thru January 2, 1995. Like everybody else you know, the crew has the need to be with their families during the Christmas Holiday. I would like to propose an alternative schedule for the tank removal project for your review and consideration. The proposed schedule would only delay the event one week and would be much less costly because of premium time ect.

The Proposed Schedule would involve the following dates:

<u>Dates</u>

Description of Work

January 3, 1995

Excavate to the Tank Tops

January 4,

Remove Tanks and sample soil

January 5 & 6

Backfill excavation and prepare

for concrete

January 9

Pour and finish Concrete

January 10

Remove Temporary beam and replace roof support

The proposed schedule would impact only on the Rix Industries operation. However, I do believe we can minimize any adverse effects on the Rix operation.

I hope you will give this alternative schedule your approval as it will make Christmas a lot more pleasant for our crew and that will translate into a much more successful project in the end.

Thank you for your kind consideration of this request, hope to hear from you in the very near future.

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

# Hageman - Aguiar, Inc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

### **FAX TRANSMISSION SHEET**

MS. SUSAN HUGO ATTN:

ACHD - ENVIRONMENTAL HEALTH

FAX:

FROM:

**COMMENTS:** 

This transmittal is page 1 of 9



5102841664->

HAGEMAN-AGUIAR INC.

Underground Contemination investigations, Groundwater Consultants, Environmental Engineering

October 24, 1994

Ms. Susan Hugo Alameda County Health Services Agency Department of Environmental Health Hazardous Materials Division 1131 Harbor Bay Parkway, Second Floor Aalmeda, CA 94502

RH: Rix Industries 6460 Hollis Street Encryville, CA

Dear Ms. Hugo:

This is brief report on the Triple Washing and Rinsate Disposal Event that was scheduled for October 22, 1994, (your office advised by fax 10/19/94).

At 7:30 A.M. Saturday, October 22, 1994, Hageman-Aguiar, Inc. started triple washing the underground storage tanks located on the "outside Work and Testing area" of Rix Industries, 6460 Hollis Street, Emeryville, CA. The tanks were washed three times, after each wash the rinsate was pumped into the Romic Environmental Technology truck for transportation and disposal under manifest. In total Nine Hundred fifty two gallons of tank rinsate were removed from the four storage tanks in the Outside Work Area.

There are five tanks located in the Outside work & Test Area, however, only four were cleaned and emptied. One of the five tanks has some time in the past been filled with a sand/cement material.

Hageman-Aguiar, Inc. will now monitor the subject tanks for intrusion of water between now and their removal in the latter part of 1994. This should satisfy all the requirements listed on the Inspection list dated 8/4/94, with the exception of item #5: Completion of Contamination Plume delineation, which will be completed after the outside USTs have been removed.

Copies of the Manifest and Waste Characterization Forms are enclosed for your review.

Should you have any questions please give me a call at our office (510) 284-1661 and I will be happy to discuss them with you.

Yours truly,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

cc: Mr. Miles Benedict, MRE Commercial Real Estate

#### 5102841664>

FEDERAL LINE DEPOSAL RESTRICTION NOTIFICATION/CERTIFIC TION FORM

TREATMENT STANDARDS FOR "CALIFORNIA LIST WASTES" TABLÉ

CHECK	"CALIFORNIA LIST" CONSTITUENT" (Do not apply to newly listed wastes in accordance with 55 FR 22874.)	TOTAL CCW
	Uquide with Nickel, (Must be mixed with a RCRA hazardous waste, or this treatment standard goes not apply.)  Liquide with Yhallium, (Must be mixed with ACRA hazardous waste, or this treatment standard goes not apply.)	130 mg/L
		50 ppm
	- The Table of the state of the	1,000 mg/L 1,000 mg/kg
<b></b>	NON-Liquide with HOC's. (Same as "Liquids with HOC's", but INCIN is the required treatment technology.)	1,500

### TREATMENT STANDARDS FOR FOOT - FOOD SPENT SOLVENTS TABLE

If the wests contains Carbon Disulfide, Cyclohesenone, or Methanal nonwastewaters mixed with other F001 - F005 constituents, then only the other FOOT . FOOS constituent treatment standards apply, and the Carbon Disulfide, Cyclohexanone, and Mothanol do not apply.

CHECK	SPENT SOLVENT CONSTITUENT		NWW TOTAL CCW NWW	(mg/L)
]		(mg/L)	(mg/kgi)	(111372)
F001 (Sp	ent halogenated solvents used in degreasing.)	2.011	5,8	 
	Carbon Tetrachlorida	0.067	33	-
	Methylene Chloride	0.089	5.5	<del>                                     </del>
	Tetraphiarpethylene	0.056	5.8	<del></del>
	1,1,1-Triahloroethane	0,054	5.6	<del></del>
	Trichlorosthylone	0.054	28	<del>                                     </del>
	1,1,2-Trichlorg-1,2,2-Trifluoroathane	0,057	33	<del> </del>
	Tricharamanofluoramethene	0.02	38	
FOOZ (Sp	ent halogenated solvents.)			<u> </u>
	Chlorobenzene	0.057	5.7	-
	o-Dighlorobenzene	0.088	8.2	
	Methylene Chloride	686.0	33	*
	Methylene Chloride (Pharmapoutical industry.)	0.44		<u> </u>
	Tetrachlarosthylene	0.058	5.6	<u> </u>
	1,1,1-Trichlergethane	0.054	5,6	<del></del>
	1,1,2-Triphiorgathane	0.030	7.8	
	Triphiprethylene	0.054	5.6	<u> </u>
	1, 1, 2-Trichloro-1, 2, 2-Trifluorgethene	0.057	28	<u> </u>
	Trichoromonofluoromethana	0.02	33	<u></u>
CDA3 (Sp	ant NON-helogenated solvents.)			
Laca (ab	Applone	5.28	150	
	n-Butyl Alcohol	5.8	2.5	0.75
	Cyclohexanona	0.36		
	Ethyi Acetata	0.34	33	•
	Ethyl Benzene	0.057	6.5	<u> </u>
	Ethyl Ether	0.12	160	
	Mathanol	5,8		0.75
	Methyl Isobutyl Ketone	0.14	33	
	Xylenes (Total.)	0.32	28	
5004 10-	ent NON-halogenered adivents.)			
ruus (Sp	Cresol (m- and p-isomers.)	0.77	3.2	
	o-Cresol	0.11	5.0	
	Nitrobenzene	0.088	14	
1006 150	ent NON-halogenated solvents.)  I Benzone	0.070	3.7	•
	Carbon Disulfide	0.014	-	4.8
	2-Ethoxyethand	BIODG OF INCIN	INCIN	
	(sobutyl Alcohol	5.6	170	
	Mathy Ethyl Katone	5.28	36	
	2-Nitropropane	INCIN OF IWETOX OF	INCIN	•
	C-lathobiobana '	CHOXD) IL CARBN	<u> </u>	_
	Pyridina	0,014	15	
	Toluene	60.0	28	-

5102841664->

### CALIFORNIA-ONLY HAZARDOUS WASTE (NON-RCRA) TABLE

- This table must only be completed when the NON-RCRA Hazordous Waste is generated within the state of California. 1.
- If the weste is only a RCRA Characteristic Hazardous Weste (D-Waste), it must also meet the treatment standards for California-Only 2. Hazardous Wests in accordance with 22 CCR 65268.9(b); thus, this table must be completed.
- Check all boxes in the table that apply to the California-Only Hazardous Waste (NON-RCRA). 3.

WASTE DOES NOT COMPLY WITH CALIFORNIA TREATMENT STANDARDS FOR NON-RCRA HAZARDOUS WASTE. Manifest item #'s: \_\_\_

WASTE COMPLIES WITH CALIFORNIA TREATMENT STANDARDS FOR NON-RCRA HAZARDOUS WASTE. "I cortify under penalty of law that I personally have examined and am familiar with the waste through enelysis and teating or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR, Title 22, division 4.5, chapter 18, article 11. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penelties for submitting a false certification, including the possibility of a fine and imprisonment." Manifest Item #'s:

CHECK	NON-RCRA WASTE CATEGORY	TREATMENT STANDARDS	TREATMENT STANDARD REFERENCE
	Motel-Containing Aqueous Waste.	Antimony(15.0 mg/L), Araenic(5.0), Barrum(100.0), Beryllium(0.75), Cadmium(1.0), Chromium(VI)(5.0), Chromium(III)(580.0), Cobat(80.0), Copper(25.0), Lead(5.0), Mercury(0.2), Malybdenum(350.0), Mickel(20.0), Selenium(1.0), Silver(5.0), Theilium(7.0), Vanedium(24.0), and Zinc(250.0).	22 CCR 58258.107, Table II, CCW.
i	Metal-Containing Solid Weste.	Antimony(15.0 mg/L), Areonic(15.0), Barium(100.0), Bervillum(0.75), Cadmium(1.0), Chromium(VI)(5.0), Chromium(III)(550.0), Cobalt(90.0), Copper(230.0), Lead(57.0), Mercury(0.2), Molybdenum(350.0), Nickel(20.0), Copper(230.0), Lead(57.0), Thellium(7.0), Vanedium(24.0), and Zino(250.0).	22 CCR 66269.106, Table I-C, CCWE.
	Organic-Containing Aqueous or Liquid Waste.	Chlorinated Herbicides(0.5 mg/L), Organophlorine Pesticides(0.5), Organophosphorus Pesticides(0.5), PCB's as Arechlors(0.5), Semi-Volatile Organophosphorus Pesticides(0.5), PCB's as Arechlors(0.5), Semi-Volatile	22 CCR 66268.112.
	Organic-Containing Solid	Oll and Grosso(1% by weight), Semi-Volatile Organics(435 mg/kg), and	22 CCR 66268.113.
	Waste. Nonwastowater Salvent Waste,	Volatile Organios (64 mg/kg).  Agetone (10.0 mg/kg), Benzana (2.0), n-Butanol (10.0), Carbon Tetrachloride (2.0), Chlorobanzene (2.0), Chloroform (2.0), Chloromethano (2.5), Cresols (0.5), Cyclohexanone (2.0), o-Dichlorobanzene (2.0), 1,2- Dichloroethane (2.0), 1,1-Dichloroethylene (10.0), Diethyl Phtholata (6.0), Ethyl Agetate (2.0), Ethyl Benzano (1.5), Ethyl Ether (2.0), Hexachlorobatediene (10.0), Hexachloroethane (10.0), Isobutanol (10.0), Isophorone (5.0), Methanol (10.0), Methyl Ethyl Ketone (10.0), Mothyl Isobutyl Ketone (10.0), Naphtholene (5.0), Methylene Chloride (10.0), Phonol (5.0), Pyridine (5.0), 1.1,2,2-Tetrachloroethane ((2.0), Tatrachloroethylane (3.0), Toluene (3.0), Total Organio Carbon (100.0), 1,2,4-Trichloroethane (5.0), Trichloroethane (2.0), Trichloroethylane (2.0), Trichloroethane (2.0), Trichloroethylane (2.0), Trichloroethane (2.0), 1,1,2-Trichloro-1,2,2-Trifluoroethane (10.0), and Xylane (2.0).	22 CCR 66268,107, Table III.
	PCE-Containing Waste.	Liquid PCB's > 5 ppm, Drained PCB or PCB-Contaminated Transformer Carcasses, PCB-Containing Electrical Equipment that is not regulated under TSCA (e.g., Small Capacitors, Light Ballests, and Fixtures.) Refer to	22 CCR 66268.110.
-	Asbestos-Containing	regulations for treatment exendence.  Frieble Asbestos must be watted or processed into a non-frieble form without visible emissions; then placed into leak tight containers or wrapping.	22 CCR 68268.114.
	Waste. Auto Shredder Waste.	Cadmium(1.0 mg/L), Chromium(VI)(5.0), Chromium(1 atal)(500.5),	22 CCR 66268.106, Table -A, CCWE. 22 CCR 66268.106,
	Foundry Sand Waste.	Cadmium(1.0 mg/L), Capper(200.0), Leed(30.0), Nickel(20.0), and Zine(250.0).	Table !-B, CCWE. 22 CCR 66268.108
•	Metal-Containing Foundry Baghouse Westa. Metal-Containing Fty Ash, Bottom Ash, Retort Ash,	Zinc(250.0).  Arsenic(15.0 mg/L), Cadmium(1.0), Copper(350.0), Laad(70.0), Nickel(20.0), Selenium(1.0), Vanadium(24.0), Zinc(250.0).  Arsenic(15.0 mg/L), Cadmium(1.0), Copper(40.0), Lead(20.0), Nickel(20.0), Selenium(1.0), Vanadium(24.0), Zinc(250.0).	Table I-E, CCWE. 22 CCR 86268.106 Table I-D, CCWE.
	or Baghouse Ash.  Btu's > 3,000.  Volstils Organic  Compounds > 1% by	Btu's > 3,000 must be incinerated or processed by other approved methods.  Volatile Organic Compounds > 1% by weight must be incinerated or processed by other approved methods.	22 CCR 66268.120 22 CCR 66268.121

REVISED FER 94

PAGE \_\_\_\_ OF \_\_\_

EPA IO #C	40 9820	387	54 MANIFEST #9	3575841	DATE SHIPPED:	22.54		
COMPANY: L'Y TON				BIQNATURE:				
MANIFEST	WASTEWATER ! NONWASTEWATER	CA WASTE		EPA WASTE NUMB (If none, enter "NO!	ER8 (E <sup>-</sup> )			
114.	ww(Minn)	741	100					
11b.	WW/NWW		- 100-1					
119.	ww/nww							
11d.	WW / NWW							
28a.	ww / Nww							
28b.	WW / NWW							
280,	WW / NWW							
28d.	WW / NWW							
28a.	WW / NWW							
281.	WW / NWW							
289.	ww / NWW							
28h.	ww / Nww					<del>                                     </del>		
281.	ww/nww							
() % ()	Manifest Item #'s: F038 Multi-Source Manifest Item #'s: Other RCRA Haxa Marifest Item #'s: Hazardous Debrie	Leschate (Cordone Wagter	REATMENT STANDARDS F	NDARDS FOR F039 MULT FANDARDS FOR OTHER R OR OTHER RCRA HAZARI ant standards of 40 CFR 20	CRA HAZARDOUS WAS	ABLE.). TES TABLE 1 Q		
"icknows control of the	Manifest Item #'s:  ABTE COMPLIES WITH FEDERAL THEATMENT STANDARDS FOR RCRA HAZARDOUS WASTE (Complete applicable tables above.):  BY COMPLIES WITH FEDERAL THEATMENT STANDARDS FOR RCRA HAZARDOUS WASTE (Complete applicable tables above.):  BY COMPLIES WITH FEDERAL THEATMENT STANDARDS FOR RCRA HAZARDOUS WASTE (Complete applicable and tasting or through endity under penalty of few that I personally have examined and am familiar with the waste through encitled in 40 CFR Part indicated by the standards specified in 40 CFR Part indicated by the standards specified in 40 CFR Part indicated in true, accurate and complete. I am aware that there are significant penalties for submitting a false cartification, including possibility of a fine and imprisonment." Manifest Item #'s:  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):  BY PACK OF FEDERAL RCRA HAZARDOUS WASTE (APPENDIX IV) (Complete applicable tables above.):							
wa sig: Ma [ ] LA'	stes specified in Appendix IV to Pert 258 or solid westes not subject to requisitoring and imprisonment."  Inflicent penalities for submitting a false certification, including the possibility of a fine and imprisonment."  Inflicent penalities for submitting a false certification, including the possibility of a fine and imprisonment."  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):  B PACK OF FEDERAL RCHA HAZARDOUS WASTE (APPENDIX V) (Complete applicable tables above.):							
			TE (NON-RCRA) (Compate		RDOUS WASTE (NON-R	ICRAI TABLE). EVISED FEB 94		

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510 337 9335;# 7

FEDERAL LAND DISPOSAL RESTRICTION NOTIFICATION/CERTIF

TABLE 2 - TREATMENT STANDARDS FOR OTHER RCRA HAZARDOUS WASTES

CHECK	EPA	SUBCATEGORY		288.43(a)	258.42			
,	WASTE		TABLE COWE	TABLE CCW	TABLE 2	WASTEWATER	NONW	STEWATE
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1011110	]	<10%				]		
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		SDWA systems						
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<i>{</i> }	70002	Corronivas		<del></del>	X	DEACT and meet F039		and meet
Ĭ Ì	70002						F039	
		Managed In						
		Non-CWA or				1	1 1	
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IDMIC	0002	Corrosives	-	•	^	DEACT		
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		Load Acid					RLEAD	
	8000	Batteries	-	•	X		RLEAD	•
	8000	Betteries Low Mercury				•		
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	8000	Betteries Low Mercury <260 mg/kg High Mercury	-	•	X			
	D008 D009	Betterles Low Mercury <260 mg/kg High Mercury ≥ 260 mg/kg	-	· X	×			
	D008 D009	Eatterles Low Mercury <260 mg/kg High Mercury ≥ 260 mg/kg with Organics	-	· X	×			
	D008 D009	Eatteries  Low Mercury  < 260 mg/kg  High Mercury  ≥ 260 mg/kg  with Organics  but not	-	· X	×			
	D008 D009	Betteries  Low Meroury  < 260 mg/kg  High Mercury  ≥ 260 mg/kg  with Organics  but not  Incinerator	-	· X	×			
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REVISED FEB 84 PAGE \_\_\_\_ OF \_\_\_

## Hageman - Aguiar, Thc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

5120376

## **FAX TRANSMISSION SHEET**

MS. GUSAN HUSO ATTN:

FAX:

FROM:

COMMENTS:

This transmittal is page 1 of \_\_\_\_\_\_\_

:10-20-94

5102841664>



Underground Contamination investigations, Groundwater Consultants, Environmental Engineering

October 20, 1994

Ms. Susan Hugo Alameda County Health Services Agency Environmental Health Department Hazardous Materials Division 1131 Harbor Bay Parkway Second Floor Alameda, CA ,94502

Re: Rix Industries 6460 Hollis Street Emeryville, CA

Dear Ms. Hugo:

Please be advised that we WILL triple wash the outside tanks at RIX this EATURDAY, October 22, 1994.

Rope to see you then>

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruca Hageman

CC: Miles Benedict, MRE Commercial Real Estate

FAX (510) 450-1425



HAZMAT 94 OCT 19 PH12: 00

5110 316

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

October 17, 1994

Mr. Dave Silva Rix Industries 6460 Hollis Street Emeryville, CA 94662-0605

Re: Tank Wash-out Project
"Outside Tanks"
6460 Hollis Street
Emeryville, CA

Dear Dave:

I wanted to get in touch with you concerning the next to last requirement in the Underground Tank Removal project for your facility.

Please find enclosed a copy of the "Hazardous Materials Inspection Form" dated 8/4/94. Please pay particular attention to items #1 and #2, All tanks should be emptied of Their contents and Triple rinsed. The integrity of the be tanks must be determined.

The "inside tanks" have been completed, however the four (4) tanks in the "Outside Area" have yet to be emptied and triple rinsed. Ms. Hugo, has called me the past several weeks to follow up on the scheduling of triple washing of the subject tanks. I would like to accomplish this on Saturday, October 22, 1994, if it can be arranged. It would be the same operation as the washing of the "Inside Tanks". We would start early Saturday morning with a crew, a pressure washer and a vacuum truck to pump the tanks dry. I would estimate the project to be completed by 1:00 P.M.

Should it be possible to gain entrance to the back yard this Saturday, I will arrange to have all the necessary personnel and equipment available.

Please advise as soon as possible.

Dave, Again thanks for all your help.

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

attachment

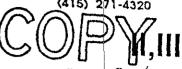
cc: Mr. Mile Benedict - MRE Real Estate
Ms Susan Hugo, Alameda County Environmental Health Dept.

white -env.health yellow -facility plnk -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

### Hazardous Materials Inspection Form

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



	<del></del>	Site 27/ Site Pul 5/0 25/2 Today'd / 2//
EC.	.A BUSINESS PLANS (Tille 19)	Site # 376 Site Name RIX INDUSTRIES INC Date 8,4,94
		Site Address 6460 HOLLIS STREET
	4, inventory information 25504(a) 2730 2730 25504(b)	CITY EMERYVILLE ZIP 94 608 Phone
		- MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
** **		Inspection Categories:
11.0	ACUTELY HAZ, MATLS  10 Registration Form Field 25533(a)	II. Business Plans, Acute Hazardous Materials
	11. Form Complete 25533(b) 12. RMPP Contents 25534(c)	✓ III. Underground Tanks
	13. Implement Sch., Regid? (Y/N) 14. OrtSite Conseq., Assess. 25524(c) 15. Probable Risk Assessment 25534(d)	Callf. Administration Code (CAC) or the Health & Safety Code (HS&C)
	16, Persons Responsible 25534(g)17, Certification 25534(f)	Osim Manager Code (CAC) or the Redlin & Safety Code (HS&C)
	16. Exemption Request? (Y/N) 25536(b)19. Trade Secret Requested? 25538	5 UGTS closed in place, located inside the
m.	UNDERGROUND TANKS (Title 23)	building & 5 UGTs to be removed in the
ē	1. Permit Application25284 (H&S)	backyard. This department will allow your
9	3. Records Maintenance 25292 (H&S) 2712 4. Release Report 2651 5. Closure Plans	reguest of removing the 5 tanks during the
		Sheduled Shutdown of plant operations
	Monthly Test     Daily Vadose     Semi-annual andwater	in December 24, 1994 Hate Genuary 1, 1995 with
	One firm nots 3) Doily Vadose	the following conditions -
ž,	One time soils Annual fank test 4) Monthly Gnawater	D'all tanks should be emptied of its contents
or gen	One fine sole  5) Daily inventory	& tripled ringe
Monitoring for Existing Tank	Annuchank teeting Contiplee leak det Vadose/andwater man,	2) The integrity of the tanks must be
Ş.	6) Daily Inventory Annual tank testing	determined.
Honito	Contrible teak det 7) Weeldy Tank Gauge Annual tank titha	3) After emptying & ringing the tanks, any
	Annual Tank Teeting     Daily Inventory	Tigned (water) accumulation inside the
	9) Other	troves must be monitored
	Date: 2043	A) The groundwater monitoring arrows
	9. Sol Testing , 2646 10. Ground Water, 2647	must start immediately.
Tonke		5) Contaminant plume delineation must
Ne ¥	Date: 2711	be completal
av 6/6	Date:2635	6) A letter of commitment from the
4 Q/C		promerty owner / tanks owner that
	Contact:	the 5 tanks, will be removed no 11, 11
	Title: Ouruer	Color Juniary 1/1995
	Signature: ACT	A DO CONSPECTOR: SUSAN C. ANGO
	orginal die.	authorities from I day

## Hageman - Aguiar, nc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

### **FAX TRANSMISSION SHEET**

ATTN:	SUSAN HUGO	
COMPANY:	ALAMEDA CO. ENVIRONMENTAL	HAUTH
FAX:	(5/0) 337-9335	
FROM:	BRUCE HAGEMAN	
COMMENTS:	ex to you Seat.	

This transmittal is page 1 of \_\_\_\_\_

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5102841664>

Underground Contamination investigations, Groundwater Consultants, Environmental Engineering

September 30, 1994

Ms. Susan Hugo Alameda County Health Care Services Department of Environmental Health Hazardous Materials Division

RE: Rix Industries
Tank Washing Project

Dear Susan:

We will not be working this Saturday, October 1, 1994

I have not been able to get all the necessary people together. I will attempt to arrange it for Next week October 8, 1994.

I promise you I will advise you if we will be on site next week.

Under separate cover, I am sending the recent "Quarterly Groundwater Sampling Report", dated 9/27/94. Please review the data, should you have any questions please give me a call.

Talk to you next week.

Bruce Haveman

Hageman - Aguiar, Inc.

3732 Mt. Diablo Blvd., Suite 372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

### **FAX TRANSMISSION SHEET**

ATTN:

SUSAN HUGO AGNETA COUNTY HEALTH-HAZARDOUS MITTERALS

FAX:

FROM:

**COMMENTS:** 

This transmittal is page 1 of \_\_\_\_\_

5102841664->



Underground Contemination investigations, Groundwater Consultants, Environmental Engineering

September 22, 1994

Mc. Susan Hugo Alameda County Health Care Services Department of Environmental Health Hazardous Materials Division

RE: Rix Industries 6460 Hollis Street Emeryvilla, CA

#### Dear Susan:

I have not been able to arrange the Triple washing of the "Outside Tanks" for this weekend.

I will attempt to get the necessary crews together for next Saturday, October 1, 1994.

I will advise you by Wed. September 28, 1994.

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

white -env.health yellow -facillty plnk -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

### **Hazardous Materials Inspection Form**

11,111

,		·	ID # 376 Site Name RIX INCUSTRIES INC. Date 14,94
11. A	BUSINESS PLANS (Title 19)		10 # 070 Name With Street 1977
	1. Immediate Reporting 2. Bus. Pian Stats 3. RR Cats > 30 days	2703 25503(b) 25503.7	Site Address 6460 HOLLIS STREET
	4. Inventory Information 5. Inventory Complete 6. Emergency Response	25504(o) 2730 25504(b)	City EMERY VILLE Zip 94 608 Phone
	7. Training 8. Deficiency 9. Modification	25504(c) 25505(d) 25505(b)	MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
II.B	ACUTELY HAZ. MATLS		Inspection Categories: !. Haz. Mat/Waste GENERATOR/TRANSPORTER!II. Business Plans, Acute Hazardous Materials
	10. Registration Form Flied 11. Form Complete 12. RMPP Contents 13. Implement Sch. Req d? (Y/N	25533(d) 25533(b) 25534(c)	III. Underground Tanks
	14. OffSite Conseq. Assess. 15. Probable Risk Assessment	25524(c) 25534(d) 25534(g)	Callf. Administration Code (CAC) or the Health & Safety Code (HS&C)
	16. Persons Responsible 17. Certification 18. Exemption Request? (Y/N) 19. Trade Secret Requested?	25534(f) 25536(b) 25538	comments: 5UGTs closed in place, located inside the
Ш.	UNDERGROUND TANKS (Title	23)	building & 5 UGTs to be removed in the
ğ	1. Permit Application 2. Pipeline Leak Detection	25284 (H&S) 25292 (H&S)	backyard. This department will allow your
Genera	3. Records Maintenance 4. Release Report 5. Closure Plans	2712 2651	reguest of removing the 5 tanks during the
	6. Method	2670	Scheduled shut down of plant operations
	Monthly Test     Dally Vodose     Semi-annual gnawater		in Pecember 24, 1994 that Genery 1, 1995 with
	One time sols 3) Daily Vadase		the following conditions -
Grife	One fitne sols Annual tank test 4) Monthly Gnawater		D'all tanks should be emptied of its contents
Monitoring for Existing Tankı	One fime solls 5) Dolly inventory Annual tank testing		g tripled rince.
for EX	Contipipe leak det Vadose/gnawater mon.		2) The integrity of the tanks must be
bujud	<ul> <li>6) Daily inventory         Annual tank testing         Contiploe leak det     </li> </ul>		determined.
Monit	7) Weekly Tank Gauge Annual tank Isting		3) After emptying & ringing the tanks, any
	8) Annual Tank Testing Daily inventory		liquid (water) accumulation inside the
	9) Other  7. Precis Tank Test		tanks must be monitored
	Date:	2643 2644	1) The groundwater monitoring program
	9. Soil Testing . 10. Ground Water.	2646 2647	must Start immediately.
Cenks	11.Monitor Plan 12.Access. Secure	2632 2634	5) Contaminant plume delineation must
lew To	13.Plans Submit Date: 14. As Built	2711	be completed.
<u>z</u>	Date:	2635	6) A letter of commitment from the
107	6/88		property owner / Janks' owner that
		1 KA	2 the 5 tanks, will be removed no 11,111
	Contact:	1.11	mond later man Gamany 1,1995
	Title: Ow	ner	Inspector: SUSHN 4- HUGD
	Signature:	AST	paublic I Signature: Suran I dugo

white -env.health yellow -facility pink -files

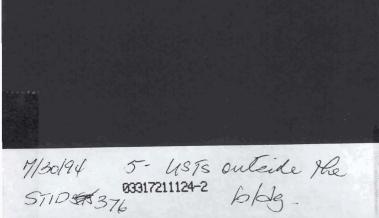
## ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

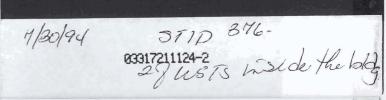
80 Swan Way, #200 Oakland, CA 94621 (415) 271-4320

**Hazardous Materials Inspection Form** 

11,111

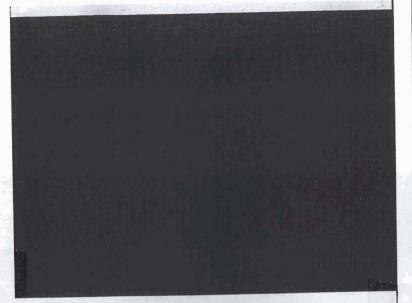
****		<u> </u>	Site 37/ Site ON THOUSE IS	18,4,94
	BUSINESS PLANS (Title 19)  1. Immediate Reporting 2. Bus Plan Stds. 3. RR Cars > 30 days 4. Inventory Information 5. Inventory Complete 6. Emergency Response 7. Training 8. Deficiency 9. Modification  ACUTELY HAZ. MAT'LS  10. Registration Form Filed 11. Form Complete 12. RMPP Contents 13. Implement Sch. Regid? (Y/N) 14. OffSite Conseq. Assess. 15. Probable Risk Assessment 16. Persons Responsible 17. Certification	25524(c) 25534(d) 25534(g) 25534(f)	Site Address 6460 HOLLIS STREET  City EMERSIALE Zip 94608 Phone  MAX AMT stored > 500 lbs, 55 gal., 200 cft.?  Inspection Categories:  I. Haz. Mat/Waste GENERATOR/TRANSPORTER  II. Business Plans, Acute Hazardous Materials  III. Underground Tanks  Calif. Administration Code (CAC) or the Health & Safety Code (FRACE)	
	18. Exemption Request? (Y/N) 19. Trade Secret Requested?	25536(b) 25538	Comments: PAGE 2	
m, t	UNDERGROUND TANKS (Title	e 23)	7) Aworkplan proposal must be si	chmitted
General	1. Permit Application 2. Pipeline Leak Detection 3. Records Maintenance 4. Release Report 5. Closure Plans	25284 (H&S) 25292 (H&S) 2712 2651 2670	to this office no later than August incorporating at a minimum condition	25,1994 ons#1
Monitoring for Existing Tonks			Arry #6 as tasks and the sch of each individual tasks.  Additionally, a report of the closur 5 USIS inside the building must submitted by August 30, 1994.	edules eg the be
-	7. Precis Tank Test Date: 8. Inventory Rec. 9. Sof Testing . 10. Ground Water,	2643 2644 2646 2647		
New Tanks	11.Monitor Plan 12.Access. Secure 13.Plans Submit Date: 14. As Built Date:	2632 2634 2711 2635		
ev f	Contact / 1	Owne	energy inspector: SUSAN L. H	11, 111 uc,0
	Signature:	A Tu	sukling Signature: Susan 2	dugo





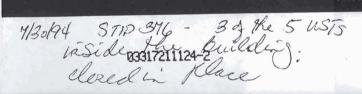






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1/30/04





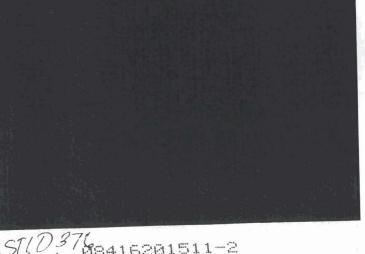
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STID 37 98416201511-2 98 9 8027 9022





STID 3768416201511-2 12/28/94 2017 9021 G G Come with



August 3, 1994

MRE Mr. Miles Benedict 5801 Christie Avenue Suite 675 Emeryville, CA 94608

Dear Mr. Benedict:

Per your request, this letter is to confirm that out plant will be closed from 24 December, 1994 thru 1 January, 1995.

Very truly yours,

RIX INDUSTRIES

B.E. Otterson President

BEO:kl



### **FAX TRANSMITTAL**

ATTN: SUSAN HUGO

Alemeda Heath Care

Fax (50) 337-4575

FROM: BRUCE HAGEMAN

This transmittal is page 1 of \_2

Comments:

3732 Mt. Diablo Blvd #372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664



Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

July 28, 1994

ingede in UGT Quarterly MP -

Ms. Susan Hugo Alameda County Health Care Services Dept. of Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502

VIA FAX: (510) 337-9375

RE: Rix Industries 6460 Hollis Street Emeryville, CA

Dear Ms. Hugo:

Just a note confirming that we plan to to Slurry Fill the "Inside Tanks" on Saturday, July 30, 1994 at Rix Industries, Emeryville and you had expressed an interest in attending.

In regards to a meeting with Mr. DeWolf, please call at your earliest convenience, as I need to discuss this with you.

Sincerely,

HAGEMAN - AGUIAR, INC.

Bruce Hageman

printed: 07/20/94

Mark Out What Needs Changing and Hand to LOP Data Entry (Name/Address changes go to Annual Programs Data Entry)

AGENCY #: 10000 SOURCE OF FUNDS: F StID : 376 SITE NAME: RIX Industries ADDRESS : 6460 Hollis St CITY/ZIP: Emeryville 94608		
SITE STATUS		
CASE TYPE: G CONTRACT STATUS: 4 PRIOR CODE: RP SEARCH: S PRELIMINARY ASMNT: DATE UNDERWAY: REM INVESTIGATION: DATE UNDERWAY: REMEDIAL ACTION: DATE UNDERWAY: POST REMED ACT MON: DATE UNDERWAY: ENFORCEMENT ACTION TYPE: 1 DATE ENFORCE LUFT FIELD MANUAL CONSID: 3HSCAW CASE CLOSED: DATE EXCAVATION STARTED: REMEDIAL A	DATE COMPLETED: DATE COMPLETED: DATE COMPLETED: DATE COMPLETED: DATE COMPLETED:	11/16/93
RESPONSIBLE PARTY INFO	MO T TO A M C	
RP#1-CONTACT NAME: Mr. Frank Dewolf COMPANY NAME: Owner ADDRESS: 76-6287 Leone St. CITY/STATE: Kailua - Kona, H I 96740	THE LON	
INSPECTOR VERTETCATTO	)N:	

INSPECTOR VERIFICATION:					
NAME	SIGNATURE	DATE			
Name/Address Changes Only	DATA ENTRY INPUT:	Case Progress Changes			
ANNPGMSLOP	DATE	LOP DATE			

spolated for file

CLOSED	INSP	StID	SITE NAME	ADDRESS	CITY	ZIP
-0-	P2	646	Eden Hospital Medical Center	20103 -0 Lake Chabot Rd.	Castro Valley	94546
-0-	SS	650	Tien Unocal Sparky Int'l	20405 -0 Redwood Rd.	Castro Valley	94546
-0-	-0	3579	Beacon Station #574	22315 -0 Redwood Rd.	Castro Valley	94546
<b>₩</b> 0-	SS	4257	Joseph Nesbitt Company	2542 -0 San Carlos Ave.	Castro Valley	94546
-0-	SS	2780	(Former) EB Scaffolding Co.	2552 -0 San Carlos Ave.	Castro Valley	94546
-0-	SS	4099	Bay Area Rapid Transit Dist.	21000 -0 Wilbeam Ave.	Castro Valley	94546
-0-	SS	1548	Sal's Foreign Car Service	20845 -0 Wilbeam St.	Castro Valley	94546
-O <b>-</b>	P2	1256	Dublin Honda	7099 -0 Amador Plaza Rd.	Dublin	94568
-0-	P1	3746	Target Store, Inc.	7200 -0 Amador Valley Blv	Dublin	94568
<b>-i</b>	P2	3729	Dutch Pride Dairy	7400 -0 Amador Valley Blv	Dublin	94568
-0-	SS	1216	American Building Components	6253 -0 Dougherty Rd.	Dublin	94568
-0-	SS	3841	Chevron Station #9-2582	7420 -0 Dublin Blvd.	Dublin	94568
-o-	EC	1939	Unocal SS #5901	11976 -0 Dublin Blvd.	Dublin	94568
-0-	P2	3731	Bedford Properties	6700 -0 Golden Gate Dr.	Dublin	94568
-0-	P2	2224	American City Tire Service	6310 -0 Houston Pl.	Dublin	94568
-0-	-0	1940	Rich's Chevron Service	7007 -0 San Ramon Rd.	Dublin	94568
-0-	EC	3762	Lew Dotty Cadillac	5787 -0 Scarlett Ct.	Dublin	94568
-0-	P2	2045	Valley Nissan Volvo	6015 -0 Scarlett Ct.	Dublin	94568
-0-	SS	3128	Scotsman Group	6055 -0 Scarlett Ct.	Dublin	94568
-0-	EC	3730	Charles Lemoane Property	6085 -0 Scarlett Ct.	Dublin	94568
-0-	EC	3728	Old Herald News	6207 -0 Sierra Ct.	Dublin	94568
-0~	SS	696	Corwood Car Wash	6973 -0 Village Pkwy.	Dublin	94568
-0 <del>-</del>	SS	2516	Oil Changer #301	7194 -0 Village Pkwy.	Dublin	94568
-0-	EC	2043	BP Oil Co. Site #11116	7197 -0 Village Pkwy.	Dublin	94568
-0~	SS	1053	Teutsch Enterprises, Inc. ARCO	7249 -0 Village Pkwy.	Dublin	94568
_	$\mathbf{TP}$	147	Peterson Manufacturing Co.Inc.	1600 -0 - 63rd St.	Emeryville	94608
	SH	537	Liquid Sugar	1275 -0 - 66th St.	Emeryville	94608
-0-	SH	1385	Coulter Steel & Forge Co.	1494 -0 - 67th St.	Emeryville	94608
-0-	P1	3696	Vacant Facility	6601 -0 Bay St.	Emeryville	94608
-0-	-0	3710	Vacant Facility	6603 -0 Bay St.	Emeryville	94608
-0-	LS	414	Mike Roberts Color Productions	6707 -0 Bay St.	Emeryville	94608
-0-	P2	392	Weatherford Motors, BMW	5903 -0 Christy Ave.	Emeryville	94608
-0-	SH	1696	Barbary Coast Steel	4300 -0 Eastshore Hwy	Emeryville	94608
-0-	SH	1184	PIE Freight Terminal Site	5500 -0 Eastshore Hwy.	Emeryville	94608
-0-	SH	4251	Bashland, Inc.	4015 -0 Hollis St.	Emeryville	94608
-0-	DB	1667	Ransome Company	4030 -0 Hollis St.	Emeryville	94608
-0-	SH	355	PG&E Company	4525 -0 Hollis St.	Emeryville	94608
-0-	P1	49	Hydraulic Electro Service Corp	5812 -0 Hollis St.	Emeryville	94608
-0-	P1	3792	Hollis Street Project	6050 -0 Hollis St.	Emeryville	94608



ALCO HAZMAT

94 JUN 20 PN 4: 29

June 17, 1994.

MEMORANDUM TO: Frank DeWolf

FROM: Miles Benedict SUBJECT: Rix USTs

CC: Susan Hugo, Dave Silva, Bruce Hageman

#### Dear Frank:

After Bruce Hageman and I met with Dave Silva last Friday and after a confirming telephone call with Dave yesterday, we have reached agreement with Rix Industries to proceed with Phase I of the Hageman plan of April 1, 1994, approved by the County by letter on May 24, 1994.

Phase I encompasses the treatment and closure of the five tanks underneath the warehouse facility. We anticipate the work will be completed by the end of next month. Estimated cost: \$40,000.

To effect Phase I and not disrupt the Rix operation requires the work to be undertaken on Saturdays. And while Rix does work Saturdays, the area required for tank remediation is not in use on Saturdays.

Phase II encompasses the treatment of the five tanks in the facility yard. We are working on the logistics and timetable for that process that will not interfere with the tenant.

I have talked with Marcus Beverly with respect to the insurance matter and will cover that in a separate memorandum.

enelit

Best regards,

Miles Benedict



### **FAX TRANSMITTAL**

ATTN: MS. GUSAN MUCO

FROM: BRUCE ALGERIAN - HAGE MANI - AGUINE, INC.

This transmittal is page 1 of \_\_\_\_\_\_

Comments:

3732 Mt. Diablo Blvd #372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

STID 376



Underground Contamination investigations, Groundwater Consultants, Environmental Engineering

May 26, 1994

Ms. Susan Hugo Alameda County Health Care Services Department of Environmental Health UST Local Oversight Program 80 Swan Way, Room 200 Oakland, CA 94621

Re: Tank Closure Project Rix Industries 6460 Hollis Street Emeryville, CA

#### Dear Susan:

I received you telephone message of 5/24/94 indicating your need for the KPA I. D. # for the Rix Tank removal Project.

#### The L.D. # is CAD 982038754.

I was under the impression you had the number from a memo I had sent to you on April 28, 1994.

Sorry, if we slipped up.

HAGEMAN-AGUIAR, INC.

Bruce/Hageman attachment

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

DAVID J KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way. Rm 200
Oakland, CA 94621
(\$10) 271-4530

May 24, 1994 STID# 376

Mr. Frank Dewolf Kanaida #3001 78-261 Manukai Street Kailua - Kona, HI 96740

RE: RIX Industries

6460 Hollis Street, Emeryville, California 94608

Dear Mr. Dewolf:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the Proposed Work Plan for Subsurface Investigation (April 1, 1994) and the Underground Tank Closure Plan submitted by Hageman-Aguiar for the referenced site.

Based on this review, the proposed work plan and the closure plan for the ten underground storage tanks are acceptable to this department and must be implemented in a timely fashion.

Please notify this office at least 72 hours in advance for the start up of the work plan implementation and closure of the tanks so a site visit can be arranged by a representative from this office.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

\* cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan

\* site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified

\* proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention

\* any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained

\* historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels

Mr. Frank DeWolf

RE: 6460 Hollis Street, Emeryville, CA 94608

May 24, 1994 Page 2 of 2

\* tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,

Susan L. Hugo

Senior Hazardous Materials Specialist

CC: Rafat A. Shahid, Asst. Agency Director, Environmental Health Kevin Graves, San Francisco Bay RWQCB Gil Jensen, Alameda County District Attorney's Office Edgar B. Howell, Chief, Hazardous Materials Division / files Mr. Miles Benedict, 5801 Christie Ave., Suite 675 Emeryville, CA 94608

Mr. Bruce Hageman, Hageman-Aguiar, 3732 Mt. Diablo Blvd. Suite #372, Lafayette, CA 94549

Mr. Dave Silva, Rix Industries, 6460 Hollis Street, Emeryville, CA 94608



HAZMAT 94 MAY 11 PH 12: 02

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

May 8, 1994

Ms Susan Hugo Senior Hazardous Materials Specialist Alameda County Health Care Services Department of Environmental Health UST Local Oversight Program 80 Swan Way, Room 200 Oakland, CA 94621

Re: Rix Industries
6460 Hollis Street
Emeryville, CA
Tank Closure Project

Dear Ms. Hugo:

Please find attached the form you requested be signed by Mr. Miles Benedict in behalf of Mr. Frank Dewolf.

This should be complete the application requirements, I would hope to receive the stamped and approved Closure Plan so that we may proceed with the project.

Thanks for your help, looking forward to working with you on this project in the very near future.

Sincerely,

HAGEMÁN-AGUIAR, INC.

Bruce Hageman attachments

18. Submit Worker's Compensation Certificate Copy

Hame of Insurer SIMIE FUND

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)

7

- 21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorised 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 Realth 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 Regith Administration) requirements concerning personnel health and safety. I understand that site and worker safety are notely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Cace I have received my stamped, accepted closure plan, I will contact the project Essardous Naterials Specialist at least three weeking days in advance of site work to schedule the required inspections.

Signature of Contractor X

Neme (please type). Minter 5 Feby Construction Company. Tom

Signature John F. Feby, Jr. 
Date April 25, 1994

fighture of fite Owner or Operator imes

Hame (	places ty	pe) Miles K.	Benedict	representir	ng C. Frank	DeWolf
Signat	ure Mi	lisk B	eneli	<del>}</del>	ng C. Frank	
	_May 10.					

5102841664->



### FAX TRANSMITTAL

This transmittal is page 1 of 2

COMMENTS:

3732 Mt. Diablo Blvd #372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664



April 28, 1994

Ms. Susan Hugo Alameda County Health Care Services Department of Environmental Health UST Local Oversight Program 80 Swan Way, Room 200 Qakland, CA 94621

RE: Tank Closure Project Rix Industries 6460 Hollis Street Emeryville, CA

#### Dear Susan:

In response to your request for two pieces of information to complete the Tank Closure Application for Rix Industries, 6460 Hollis Street, Emeryville, CA. Please find attached the final page of the application with the signature of the contractor on the project. Also please be advised the Waste Generator Number for the site is # CAD 982038754.

This should complete your application information. I am still awaiting a letter from you approving our work plan and application submitted to your office.

I am scheduling the tank pumping and washing, it will have to be on a Saturday due the Rix operation. I will advise you of the date as soon as I receive your written approval.

Best Regards. HAGEMAN-AGUIAR, INC.

Bruce Hageman attachments cc: Mr. Frank Dewolf

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ALCO HAZMAT 94 APR 29 PM 1:46

HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

April 28, 1994

Ms. Susan Hugo Alameda County Health Care Services Department of Environmental Health UST Local Oversight Program 80 Swan Way, Room 200 Oakland, CA 94621

RE: Tank Closure Project Rix Industries 6460 Hollis Street Emeryville, CA

#### Dear Susan:

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I am scheduling the tank pumping and washing, it will have to be on a Saturday due the Rix operation. I will advise you of the date as soon as I receive your written approval.

Best Regards.

HAGEMAN-AGUIAR, INC.

Bruce Hageman

attachments

cc: Mr. Frank Dewolf

P . 0 1

SENT BY: HAGEMAN-AGUIAR, INC. : 4-25-94

1:53PM :

5102841664+

6749067;# 3

18. Submit Worker's Compensation Certificate Copy

Name of Insurer STATE FUND

- 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)

Sun or

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 Masardous Naterials Specialist at least three working days in advance of site work to achedule the required inspections.

Signature of Contractor-		
Name (please type). Minter & Fahy	Construction Company. Toc	···
	John F. Fahy, Jr. "	
Date April 29, 1994		
Signature of Site Owner or Operator		
Name (please type)		
Signature	,	
Date	•	İ

TRANSMITTAL.

REVISED PAX

# MRE Commercial Real Estate

## Fax Cover Sheet

Date: 4/26/94	ļ
Time: 8 a.m. PDT	
From Fax # (510) 450-1425 From: Miles Benedict	
From Telephone: 450-1415 (voice mail)	
Pages: (including cover sheet)	
To Fax #:	
Attention: Bruce Hageman	,
Message: sos received. Silva says his EPA I.D. is	
CAD 982038770. Best regards.	
JUST AFTER I SENT THE ABOVE, SILVA CALLED AND SAID	
HE HAD ANOTHER CAD NUMBER ( 982038754)	

PLEASE CALL US AT (510) 450-1400 IF YOU DID NOT RECEIVE ALL THE PAGES OF THIS



ALCO HAZMAT 94 APR 21 AM 10: 43

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

April 19, 1994

Ms. Susan Hugo
Alameda County Health Services Agency
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

Re: Rix Industries 6460 Hollis Street Emeryville, CA

#### Dear Ms. Hugo:

I have talked with our clients, concerning our conversation of yesterday, April 18, 1994. I have conveyed your wish to proceed with the tank closure project as soon as possible. I have told them you approved the closure in place of the five tanks inside the work area of the building. I have also conveyed your request to remove the five tanks in the rear outside area of the property. We also discussed the changes that have been made to the outside area i.e.the roof that has been constructed over the tank area and the testing equipment that has been secured to the concrete area over the outside tanks.

I have been told that Mr. Frank Dewolf knew nothing of the construction that has taken place on the property in the recent past.

Our clients have requested a letter from you to Hageman-Aguiar, Inc. approving our request to abandon in place the "inside tanks" and the request to remove the outside tanks. In addition the approval of the proposed workplan to install groundwater monitoring wells and start a program of Quarterly groundwater sampling. If you would send me this written approval, I will proceed to set up the schedule of events

for your approval. Susan, Thank you for your help in this matter.

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

GLORIA & FRANK DEWOLF Kanaloa #3001 78-261 Manukai St. Kailua-Kona, HI 96740 PH/FX (808) 322-0653

510-569-4757 FAX TO: 510-271-4320

5 APRIL 1994

Ms. Susan Hugo

SENIOR HAZARDOUS MATERIALS SPECIALIST ALAMEDA COUNTY HEALTH CARE SERVICES

DEAR MS. HUGO:

I HAVE JUST RECEIVED BRUCE HAGEMAN'S COVERING LETTER TO YOU WHICH REVEALS THAT RIX INDUSTRIES HAS ADDED WORKING AREA IN THE YARD OF 6460 HOLLIS STREET, EMERYVILLE. I WAS NOT APPRISED OF THIS UNTIL TODAY, AND AM HAVING MY REPRESENTATIVE, MILES BENEDICT, LOOK INTO IT.

78-261 MANUKAI ST. UNIT 3001

Kailua - Kona, Hawaii 96740

PH/FAX (808) 322-0653

SUSAW L. HUGO

	51	1D j		8	ENT OF 1 ZARDOUS 30 SWAN OAKLANI	MATI WAY	CARE S RONMEN ERIALS ROOM CA 94 0/271-	TAL DIVIS 200 621	S AGE ALTH SION A	LC ZM	O AT	n washin di tabi a biyatur
	ACCEPTED Underground Storage Tank Closure Permit Application Alameda County Division of Hazardous Materials		These closure/removal plans have been received and found to a proceedable and essentially meet the requirements of State of and tocal Health Laws Changes to your closure plans indicated by this Department are to assure compliance with State and local of any required building permits for construction.	O c copy of the accepted of a most he on the job and available to all confresions and confresions and confirmed confirmed involved of with the removal.	ROUND T	Notify this Department at ieur 72 hours prior to the following required inspections:	Sampling Sampling Final Inspection	fissuance of all permit to operate, bly permanent site closure, by its dependent on compliance with accepted plans and all applicable laws and regulations.		1 Supraga	" y leave note change : 21 Hd	
1.	Busine	ess N	ame	Rix I	ndustrie	s			<u>-</u>			
	Busine	ess O	wner (	3.E.	Otterson			<u>.</u>		<del></del>		
2.	Site A			3460	<u>Hollis S</u>	tree	t			<u></u>		
	94.4	Fr	mervville	$\Gamma \Lambda$			7in	94608	Pho	ne	(510) 69	8-527

Business Owner

B.E. Otterson

Site Address

6460 Hollis Street

City Emeryville, CA

Zip 94608 Phone (510) 658-5275

3. Mailing Address

6460 Hollis Street

City Emeryville, CA

Zip 94608 Phone (510) 658-5275

4. Land Owner Gloria and Frank DeWolf

Casa De Emdeko
Address 75-5082 Alii Drive

City, State Hawaii Zip 96740

5. Generator name under which tank will be manifested

Gloria and Frank DeWolf

EPA I.D. No. under which tank will be manifested

Ly Club this

Casa De Emdeko

Gloria and Frank DeWolf

EPA I.D. No. under which tank will be manifested

Ly Club this

_	Contractor MINTER AND FAHY CONSTRUCTIO OMPANY	
6.	Address 411 NORTH BUCHANAN CIRCLE, #2	·
	PACHECO, CA Phone (510) 674	-8800
	License Type	
	reffective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to a lazardous Waste Certification issued by the State Contractors License Board. Indicate that the certification issued by the State Contractors License type.	iso nota cate has
7.	ConsultantHAGEMAN - AGUIAR, INC.	
•	Address 3732 MT. DIABLO BLVD., STE 372	
	CityLAFAYETTE, CA Phone (510) 284-1661	
8.	Contact Person for Investigation  GARY AGUIAR, BRUCE HAGEMAN Title PRINCIPAL ENGINEER,  Name	<u>PRESID</u> ENT
	Phone (510) 284-1661	
9.	Number of tanks being closed under this plan $\frac{10}{150}$ . Length of piping being removed under this plan $\frac{10}{150}$ . Total number of tanks at facility $\frac{10}{10}$ .	
ιο.	State Registered Hazardous Waste Transporters/Facilities (see instructions).	
	** Underground tanks are hazardous waste and must be handled as hazardous waste	<del></del>
	a) Product/Residual Sludge/Rinsate Transporter  Name H & H ENVIRONMENTAL EPA I.D. No. CADO00477  Hauler License No. 0334 License Exp. Date	7168
	Address 220 CHINA BASIN	
	city SAN FRANCISCO State CA Zip 94107	
	b) Product/Residual Sludge/Rinsate Disposal Site PRC PATTERSON, INC. Name H & H ENVIRONMENTAL EPA I.D. No.	
	Address 220 CHINA BASIN	
	citySAN FRANCISCO StateCAZip94107.	

c) Tank and Piping Transporter	
Name H & H ENVIRONMENTAL EPA I.D. No. CADO004	77168
Hauler License No. 0334 License Exp. Date	
Address 220 CHINA BASIN	
city SAN FRANCISCO State CA Zip 94107	
CitySAN FRANCISCO BCace	
d) Tank and Piping Disposal Site	
Name H & H ENVIRONMENTAL EPA I.D. No. CADOOO4	77168
Address 220 CHINA BASIN	
City SAN FRANCISCO State CA Zip 94107	
City SAN FRANCISCO SCACE LA SEP	
1. Experienced Sample Collector	
NameJEFF_ROTH	
Company HAGEMAN - AGUIAR, INC.	
Address 3732 MT. DIABLO BLVD., STE 372	284-1661
City LAFAYETTE State CA Zip 94549 Phone (510)	
12. Laboratory Name PRIORITY ENVIRONMENTAL LAB, INC.	
Address 1764 HOURET COURT	
city FREMONT state CA zip 95035	
State Certification No. #1708	
13. Have tanks or pipes leaked in the past? Yes [XX] No [ ]	CATE MATED
If yes, describe. DATA RETRIEVED FROM GROUNDWATER SAMPLES INDI	
FROM THE TANKS MIGRATED TO GROUNDWATER.	

14. Describe methods to be used for rendering tank inert

- DRY ICE (SOLID CARBON DIOXIDE)

5LBS PER 100 GALLONS OF TANK CAPACITY

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

Ta	nk	Material to be sampled	Location and
Capacity GALLONS	Use History (see instructions)	(tank contents, soil, ground-water, etc.)	
TANK A-1000 TANK B-1000 TANK C-1000 TANK D-1000 TANK E-1000 TANK F-1000 TANK H-1000 TANK J-1000 TANK L-1000 TANK L-1000	UNKNOWN; BELIEVED TO BE CHLORINATED SOLVENTS  DIESEL, SEC BUTANOL DIESEL MINERAL SPIRITS	TOTAL PETROLEUM HYDROCARBONS AS, DIESEL TPH AS KEROSENE TPH AS MINERAL SPIRI TPH AS GASOLINE BTEX HALOGENATED VOLATILE ORGANICS ETHYL SILICATE PURGABLE HALOCARBONS	

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.

Exc	cavated/Stockpiled Soil
Stockpiled Soil Volume (Estimated)	Sampling Plan
500 CU YDS	COMPOSITE SOIL SAMPLE PER EVERY 50 CU YDS PER SPOILS PILE

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
TOTAL PETRO- LEUM FUEL WITH BTEX DISTINCTION	5030	8015/8020	1.0/.0050
MINERAL SPIRITS	3550	8015	1.0 mg/kg
HALOGENATED VOLATILE ORGANICS	5030	8010 Bassalo	5.0
INDUSTRIAL SOLVENTS SCAN	3810	8015 MODIFIED	0.020
	alice S		
TPHAISOLINE TPHAICSC			
THE Kerosen			

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

18. Submit Worker's Compensation Certificate copy Name of Insurer STATE FUND 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)

Name (please, type) MILES BENEDICT FOR FRANK DeWOLF

Signature \_\_

Date

Signature

Signature of Site Owner or Operator

### INSTRUCTIONS

### General Instructions

- \* Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- \* Any cutting into tanks requires local fire department approval
- \* One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

### Item Specific Instructions

- 2. <u>SITE ADDRESS</u>
  Address at which closure is taking place.
- 5. <u>EPA I.D. NO. under which the tanks will be manifested</u>
  EPA I.D. numbers may be obtained from the State Department of
  Health Services, 916/324-1781.
- 6. <u>CONTRACTOR</u>
  Prime contractor for the project.
- 10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
  - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
  - c) Tanks must be hauled as hazardous waste.
  - d) This is the place where tanks will be taken for cleaning.
- 15. TANK HISTORY AND SAMPLING INFORMATION

  Use History This information is essential and must be accurate.

  Include tank installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

- 16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIM. S See attached Table 2.
- 17. SITE HEALTH AND SAFETY PLAN

  A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
  - a) The name and responsibilities of the site health and safety officer;
  - b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
  - c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
  - d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
  - e) Description of the work habit changes triggered by the above action levels or physical conditions;
  - f) Frequency and types of air and personnel monitoring along with the environmental sampling techniques and instrumentation to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
  - g) Confined space entry procedures (if applicable);
  - h) Decontamination procedures;
  - i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution fencing, trench plates, plastic sheeting, security guards, etc.);
  - j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
  - k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
  - 1) Page for employees to sign indicating they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

- 8 -

rev 3/92

NOTE: These requirements are <u>excerpts</u> from 29 CFR Part 1910.120(b)(4) azardous Waste Operations Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the <u>complete</u> requirements of this Rule.

- 19. PLOT PLAN
  The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:
  - a) Scale;
  - b) North Arrow;
  - c) Property Lines;
  - d) Location of all Structures;
  - e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
  - f) Streets;
  - g) Underground conduits, sewers, water lines, utilities;
  - h) Existing wells (drinking, monitoring, etc.);
  - i) Depth to ground water; and
  - j) All existing tanks and piping in addition to the ones being pulled.
- 20. <u>DEPOSIT</u>
  A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.
- 21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.
- 22. TANK CLOSURE REPORT
  The tank closure report should contain the following information:
  - a) General description of the closure activities;
  - b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all nonmanifested contaminated soil hauled offsite.

# TABLE #2 RECOMMENDED MINIMUM VERIFICATION AND YSES FOR UNDERGROUND TANK LEAKS

	UNDERGROUND TANK DELLE		ļ
HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS	
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID	3510)
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA	TPH G GCFID BTX&E 602 OF TOTAL LEAD AA	(5030) 624
	TEL DHS-LUFT EDB DHS-AB1803	TEL DHS-L EDB DHS-A	UFT B1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260		(5030) 624 or
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID BTX&E 602, 8260	(3510) 624 or
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260		(3510) 624 or
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260		r 624 or 624 E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFI BTX&E 602 TPH and BTX&E	0(3510) or 624 8260
Waste and Used Oil or Unknown	TPH G GCFID(5030) TPH D GCFID(3550)		D(5030) D(3510
(All analyses must be completed and submitted)	TPH AND BTX&E 8260	O & G 5520 BTX&E 602, 826	C & F 624 or
-	CL HC 8010 or 8240	CL HC 601	or 624

ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT:

PCB
PCB

METHOD 8270 FOR SOLL OR WATER TO LE PCB\*
PCP\*
PNA PNA CREOSOTE

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

<sup>\*</sup> If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

### EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

- 1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
- For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
- 3. APPROPRIATE STANDARDS for the materials stored in the tank are used for all analyses on Table #2. For instance, seasonally, may be five different jet fuel mixtures to be considered.
- 4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
- 5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydro- carbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
- 6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
- 7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
- 8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
- 9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	SOIL PPM	WATER PPB
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE			MODIFIED		PROTOCO	
	<pre>     10 ppm     5 ppm     1 ppm</pre>	(19%)		_ < 5	ppm	(10%) (21%) (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

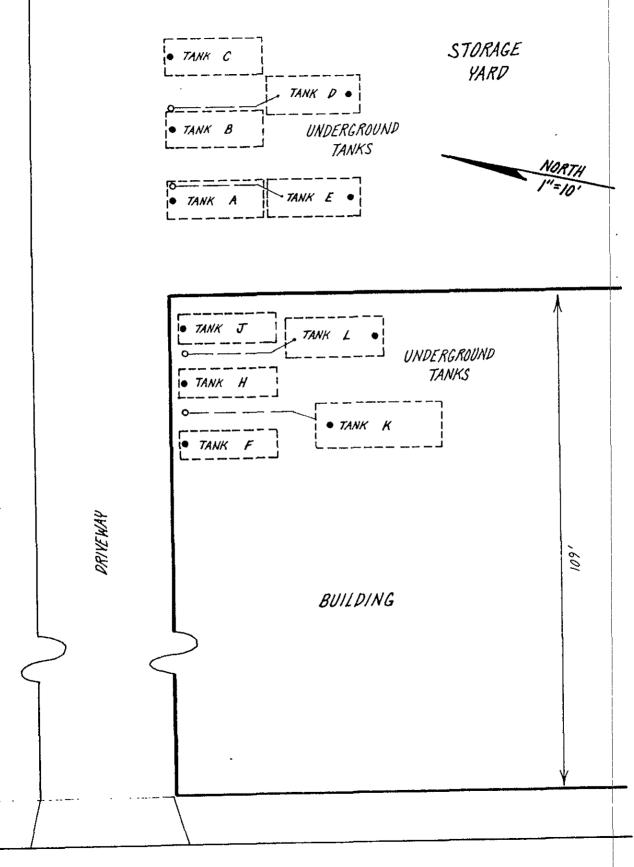
- 10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- 11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chroma- togram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

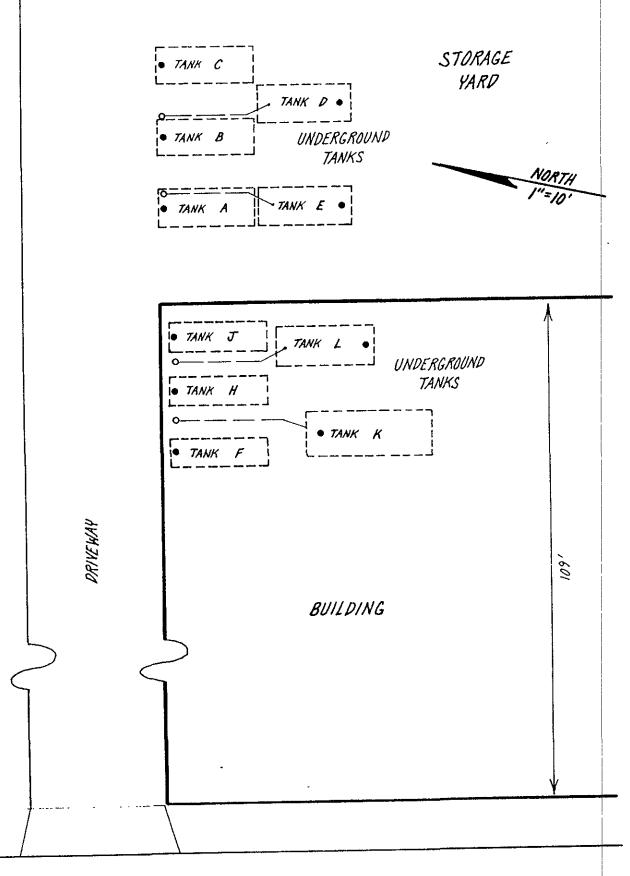
### EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.



HOLLIS STREET

FIGURE 3. Site Map.



HOLLIS STREET

FIGURE 3. Site Map.

Hame of Insurer STATE FUND

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)
- 21. Report any leaks or contamination to this office within a days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Lask/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 Realth 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 Realth 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 required my stamped, accepted closure plan, I will contact the project Masardous Materials Specialist at least three weaking days in advance of site work to achedule the required inspections.

Signature of Contractor	
Heme (please type) Minter	& Fahy Canatruction Company. To-
signature Stall	John F. Fahy, Jr
Date April 25, 1994	

Signature of Site Owner or Operator imes

Name (please type) Miles K. Benedict representing C. Frank D.	
Name (placed type) Miles K. Benedict representing C. Frank Del	Olt
DateMay 10, 1994.	

# STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

HAZMAT

	ALE OURCES
İ	
	CALIFORNIE

COMPLETE THIS FORM F	FOR EACH FACILITY/SITE,	Croken
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 4 AMENDED PERMIT 4 AMENDED PERMIT	7 PER	RMANENTLY CLOSED SITE
I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLE	TED)	
DBA OR FACILITY NAME	NAME OF OPERATOR	
RIA INDUSTRIES	BERT OTTERSON	
ADDRESS		L#(OPTIONAL)
ADDRESS 6460 HOLLIS STREET	CREAM	
ENTERY VILLE	STATE ZIP CODE SITE P	PHONE # WITH AREA CODE
TO INDICATE CORPORATION INDIVIDUAL PARTNERSHIP L	OCAL-AGENCY COUNTY-AGENCY STATE-A	GENCY FEDERAL-AGENCY
TYPE OF BUSINESS 1 GAS STATION 2 DISTRIBUTOR 3 FARM 4 PROCESSOR 5 OTHER	VIF INDIAN # OF TANKS AT SITE E.P. A RESERVATION OR TRUST LANDS	A. I D. # (optional)
EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SE	CONDARY) - entional
DAYS: NAME (LAST, FIRST) , PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	COMPAN 11 sobtoust
DAYE SILVA (510) 658-5275	· ·	DUONE * MATURACEA CORE
NIGHTS: NAME (LAST, FIRST) PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
	<u> </u>	PHONE # WITH AREA CODE
II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)		
NAME .	CARE OF ADDRESS INFORMATION	
MR FRANK DEWKE	✓ box to indicate ☐ INDIVIDUAL ☐ LOCAL	10511011
15-508Z ALLI DRNE, CASA DE EMOSICO	CORPORATION PARTNERSHIP COUNT	AGENCY STATE-AGENCY Y-AGENCY FEDERAL-AGENCY
CITY NAME	STATE ZIP CODE PHON	E # WITH AREA CODE
KAILUA-KONSA,	HA 96740 (808	3)322-1653
III. TANK OWNER INFORMATION - (MUST BE COMPLETED)		
NAME OF OWNER	CARE OF ADDRESS INFORMATION	
MALING OR STREET ADDRESS	✓ box to indicate INDIVIDUAL LOCAL	ACENOV CT STATE ACCNOV
75-6082 Kii DRIVE, CASA DE EMPORKO		AGENCY STATE-AGENCY Y-AGENCY FEDERAL-AGENCY
CITY NAME	STATE ZIP CODE PHON	E # WITH AREA CODE
KAILUA-KONA		8-322-6653
IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUI TY (TK) HQ 44-	MBER - Call (916) 323-9555 if questions arise	<b>3.</b>
V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE CO	MPLETED) - IDENTIFY THE METHOD(S)	USED
	2 GUARANTEE 3 INSURANCE	4 SURETY BOND
	6 EXEMPTION 99 OTHER	
<u></u>	on and billing will be sent to the tank owner unless	
CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOT	TIFICATIONS AND BILLING:	.  <u> </u>   .
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, A	ND TO THE BEST OF MY KNOWLEDGE, IS TRUE	AND CORRECT
APPLICANT'S NAME (PRINTED & SIGNATURE)  APPLI	CANT'S TITLE DATE	MONTH/DAY/YEAR
LOCAL AGENCY USE ONLY		1-4-94
		- M
COUNTY # JURISDICTION	# FACILITY #	<del></del> _
LOCATION CODE - OPTIONAL CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL	
THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPL FORM A (5-91)	ICATION - FORM B, UNLESS THIS IS A CHANGE	OF SITE INFORMATION ONLY.

STATE WATER RESOURCES CONTROL BOARD **UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B** 



### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

COMPLETE A SET ATALE FORMS OF EACH FAIRCOTOTEM.
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SIT ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLS SPREET, EMERYVILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # B. MANUFACTURED BY: LINKNOWY
C. DATE INSTALLED (MO/DAYNEAR)  LINKNOWN  D. TANK CAPACITY IN GALLONS: 1000
II. TANK CONTENTS IFA-1 ISMARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1ª REGULAR UNLEADED 4 GASAHOL 7 METHANOL 2 PETROLEUM 60 EMPTY 1 PRODUCT 11b PREMIUM UNLEADED 5 JET FUEL 7 METHANOL 3 CHEMICAL PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED DIESEL C. A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  S CONCRETE  B POLYVINYL CHLORIDE  TO GALVANIZED STEEL  S FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  8 POLYVINYL CHLORIDE  TO ALUMINUM  S 100% METHANOL COMPATIBLE W/FRP  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 96 UNKNOWN A U 99 OTHER  C. MATTERIAL AND ACT 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
C. MATERIAL AND CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W COATING A U 8 100% METHANOL COMPATIBLE W/FRF PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER MONITORING 99 OTHER MONITORING
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 5 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 100 GALLONS INERT MATERIAL?  YES NO X
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE) FRANK DECIKIF By BRUE HORAGE  4-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
COUNTY # JURISDICTION # FACILITY # TANK #  STATE I.D.#

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

7/30/94



### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLIS ST, EMPRILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNERS TANK I. D. # B. MANUFACTURED BY. LINKNOWN
C. DATE INSTALLED (MO/DAY/YEAR) WIKKNOWIN D. TANK CAPACITY IN GALLONS' 1000
II. TANK CONTENTS IF A-1 ISMARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1b PREMIUM UNLEADED 5 JET FUEL 7 METHANOL UNLEADED 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED METHANOL ETHAN LETHAN L
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  5 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  99 OTHER  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A (1) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER  C. MATERIAL AND A 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W COATING A U 8 100% METHANOL COMPATIBLE W/FRP PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER NONE
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 6 GROUND WATER MONITORING 5 TANK TESTING 7 INTERSTITIAL MONITORING 51 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS  3. WAS TANK FILLED WITH INERT MATERIAL?  YES NO
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE)  FRINK DELENCE By Square Hague 4-4-99
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
COUNTY # JURISDICTION # FACILITY # TANK #  STATE I.D.#
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

WE CLOSED IN PLACE

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

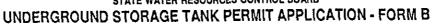
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED	SITE
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLIS ST. EYERYVILLE	=
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D # PAYK"K B MANUFACTURED BY: LIKENDOWN	
C. DATE INSTALLED (MO/DAY/YEAR) HYKKNOWM D. TANK CAPACITY IN GALLONS: 500	
II, TANK CONTENTS IF A-1 ISMARKED, COMPLETE ITEM C.	
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOI  2 PETROLEUM 80 EMPTY 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 7 METHANOI  3 CHEMICAL PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BE	L
D. IF (A 1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED ETHYL SILICATE C. A. S. #:	
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E	
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER	
B. TANK MATERIAL  (Primary Tank)  9 BRONZE  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/FIBERGLASS REINFORCED PLA  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  9 DELYVINYL CHLORIDE  7 SALUMINUM  9 OTHER	STIC
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  1 RUBBER LINED  1 RUBBER LINED  2 ALKYD LINING  4 PHENOLIC LINING  WETHANOL?  YES  NO  1 RUBBER LINED  1 RUBBER LINED  2 ALKYD LINING  4 PHENOLIC LINING  WETHANOL?  YES  NO  1 RUBBER LINED  1 RUBBER LINED  2 ALKYD LINING  4 PHENOLIC LINING  WETHANOL?  YES  NO  WETHANOL?	
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 91 NONE 95 UNKNOWN 99 OTHER	
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) MONTE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)	
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE	
A, SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER  B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER	
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER  C. MATERIAL AND A U 1 BARE STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE	
CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W COATING A U 8 100% METHANOL COMPATIBLE W/ PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER	/FRP
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 599 OTHER RECOVE	
V. TANK LEAK DETECTION	
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VACOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITO 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER WOLFE	_
VI. TANK CLOSURE INFORMATION	
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH INERT MATERIAL?  YES NO	
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRE	CT
APPLICANTS NAME (PRINTED & SIGNATURE) ANK DEWOLF BY BRUCE HACEMAN HOGGIN 49-99	
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW	<del></del>
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #	
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE	

### STATE WATER RESOURCES CONTROL BOARD **UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPANATE FORM FOR EACH TANK STOLEM.
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENOED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIK INDUSTRIES, 6460 I FOLLIS ST. EMERYALLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # B. MANUFACTURED BY: LENKNOWNI
C. DATE INSTALLED (MO/DAY/YEAR) WYKNOWY D. TANK CAPACITY IN GALLONS: 500
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEMS. SEE BUTTL ALCOHOL
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR 3 DIESEL 6 AVIATION GAS
2 PETROLEUM 80 EMPTY 1 PRODUCT 1b PREMIUM 4 GASAHOL 7 METHANOL UNLEADED 5 JET FUEL 7 METHANOL
3 CHEMICAL PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED  C. A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
MATERIAL 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP
(Primary Tank) 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
1 RUBBER LINED 2 ALKYD LINING 3 EPOXY LINING 4 PHENOLIC LINING  C. INTERIOR 5 CLASS ANNUAL STREET ST
LINING SCASS LINING SONLINED SONKNOWN SONKNOWN SONKNOWN SONKNOWN
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE  A. SYSTEM TYPE AU SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
P. COURTNICTON
B. CONSTRUCTION A(U) SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER  C. MATERIAL AND A (U) BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP
PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH YES NO SUBSTANCE REMAINING  NOTE: NO SUBSTANCE REMAINING  1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH YES NO SUBSTANCE REMAINING
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME
(PRINTED & SIGNATURE PRANK DECENCE By BRUCE AKESMAN) 9-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
COUNTY # JURISDICTION # FACILITY # TANK #
STATE I.D.#
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

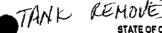
### STATE WATER RESOURCES CONTROL BOARD





### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 HOLLS OF EMERINGE
1. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. *  THYK F  B. MANUFACTURED BY: LINK NOWN
C. DATE INSTALLED (MO/DAYNEAR) LINKNOWN D. TANK CAPACITY IN GALLONS: 500 GILLENS
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 2 PETROLEUM 80 EMPTY 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)  D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED 5 BLOW.
A. TYPE OF SYSTEM 2 SINGLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN 99 OTHER 2 SINGLE WALL 2 STAINLESS STEEL 3 FIBERGLASS & 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
B. TANK MATERIAL  5 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER MONTHS IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E, SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER
B. CONSTRUCTION AU 1 SINGLE WALL AU 2 DOUBLE WALL AU 3 LINED TRENCH AU 95 UNKNOWN AU 99 OTHER
C. MATERIAL AND  A U 1 BARE STEEL  A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PPE  CORROSION  A U 5 ALUMINUM  A U 6 CONCRETE  A U 7 STEEL W/ COATING  A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION  A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION  A U 95 UNKNOWN  A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER 99 OTHER
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING SO GALLONS  3. WAS TANK FILLED WITH INERT MATERIAL?  YES NO X
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT  APPLICANT'S NAME  (PRINTED & SIGNATURE)
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE



STATE WATER RESOURCES CONTROL BOARD

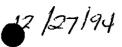
### **UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX INDUSTRIES, 6460 HOLLS & EMERYVILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # TANK "E" B. MANUFACTURED BY: LINKALOWM
C. DATE INSTALLED (MOIDAYNEAR) UNKNOWN D. TANK CAPACITY IN GALLONS: 1000
II. TANK CONTENTS IF A-1 ISMARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 1 PRODUCT 1 PRODUCT 1 PRODUCT 1 PRODUCT 2 LEADED 99 OTHER (DESCRIBE IN ITEM D BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED MOTUL WATER C A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
8. TANK MATERIAL Primary Tank)  1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC 7 ALUMINUM 8 100% METHANOL COMPAT BLE W/FRP 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER LIONE  IS LINING MATERIAL, COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) LONG OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) HONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND  A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION  A U 5 ALUMINUM  A U 6 CONCRETE  A U 7 STEEL W COATING  A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION  A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION  A U 95 UNKNOWN  A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER LIONE
V, TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3 WAS TANK FILLED WITH INERT MATERIAL?  YES NO
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANT'S NAME (PRINTED & SIGNATURE) FRANK DEWOLF BY BRUCE HASEMAN 94-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE



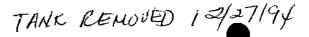


STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

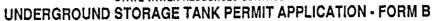
## UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.	SIF OK
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED	CLOSED ON SITE
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: LIX INDUSTRIES, 6460 HOLLIS ST. EMER	RYALLE
1. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN	/
A. OWNER'S TANK I.D. # TANK B. MANUFACTURED BY: LINKNOWN	<del></del>
C. DATE INSTALLED (MO/DAY/YEAR) LINKWIND D. TANK CAPACITY IN GALLONS: 500	
II. TANK CONTENTS IFA-1 ISMARKED, COMPLETE ITEM C.	
PETROLEUM 4 GASAHOL	6 AVIATION GAS 7 METHANOL ITEM D. BELOW)
D. IF (A 1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED LINK BUILD C. A. S. #:	
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E	
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER	
B. TANK MATERIAL  6 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/F  (Primary Tank)  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER	
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER KONCE  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO	
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTK PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER	
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) MONTE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)	NE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE	
A. SYSTEM TYPE A U SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER	
	OTHER
C. MATERIAL AND CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/COATING A U 8 100% METHANOL COM PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER	PATIBLE W/FRP
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER LIBA	E
V. TANK LEAK DETECTION	
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WAT 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER	ER MONITORING
VI. TANK CLOSURE INFORMATION	
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH YES INTERIMATED AND INTERIMATED	¬ NO 🏂
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND	COPPECT
APPLICANTS NAME (PRINTED & SIGNATURE)  (PRINTED & SIGNATURE)  PRANCE DEWOLF & BRUCE HAVE NAM  1-4-94	COARECT
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW	
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #	
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE	



### STATE WATER RESOURCES CONTROL BOARD





### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY  1 NEW PERMIT  2 INTERIM PERMIT  4 AMENDED PERMIT  5 CHANGE OF INFORMATION  7 PERMANENTLY CLOSED ON SITE  6 TEMPORARY TANK CLOSURE  8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INDUSTRIES, 6460 FOLCIS ST. ENTRY VILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. * TANK "C" B. MANUFACTURED BY: LINK DIEN
C. DATE INSTALLED (MO/DAYNEAR) LINKDIEIN D. TANK CAPACITY IN GALLONS: 1000
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED WARKNOWKI- SLURRY FILLES
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC MATERIAL 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP (Primary Tank) 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER ALONI E  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES  NO  1
D. CORROSION
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU 1 SUCTION AU 2 PRESSURE AU 3 GRAVITY AU 99 OTHER
B. CONSTRUCTION A 1 SINGLE WALL. A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND  A U DARE STEEL  A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION  A U 5 ALUMINUM  A U 6 CONCRETE  A U 7 STEEL W/ COATING  A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION  A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION  A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER KLONE
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 3 VADOZE MONITORING 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  GALLONS  3. WAS TANK FILLED WITH YES NOW INSERT MATERIAL?
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE) FRANK DEWALT BY BRUCE HIVE MAN DATE 4.4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

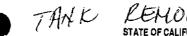
STATE WATER RESOURCES CONTROL BOARD

### UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX INDUSTRIES, 6460 HOLLS S. ENERYVILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D. # TANK "A" 8. MANUFACTURED BY: UK KNOWN
C. DATE INSTALLED (MO/DAYNEAR) LINKNOWN D. TANK CAPACITY IN GALLONS: 500 GALS
II. TANK CONTENTS IFA-1 ISMARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1b PREMIUM UNLEADED 5 JET FUEL 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)  D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED (14) CREATED 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
TANK CONSTRUCTION
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL  5 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank)  9 BRONZE  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  7 ALUMINUM  9 OTHER
C, INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) HONG OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) HONG
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A(U) SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION AU SINGLE WALL AU 2 DOUBLE WALL AU 3 LINED TRENCH AU 95 UNKNOWN AU 99 OTHER
C. MATERIAL AND A(U) 1 BARE STEEL. A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W COATING - A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER MONTO
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH YES NO NO NO NO NO NO NO NO NO NO NO NO NO
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANT'S NAME (PRINTED & SIGNATURE)  FRANK DEWX F By Druce Harper 4-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE
THE CONTRACTOR ACCOUNTABLE BY A PERMIT ARRIVATION FORMAL MANAGEMENT AND ACCOUNT





### STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



### COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION PERMANENTLY CLOSED ON SITE ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: KIX /HOUSTRIES, 6460 HOLUS ST. EMERINILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D.#  TANK DI B. MANUFACTURED BY: 4/1/KNOWN
C. DATE INSTALLED (MO/DAY/YEAR) LIKKNOWY D. TANK CAPACITY IN GALLONS: 500
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A I MOTOR VEHICLE FUEL 4 OIL B. C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL 1 PRODUCT 1b PREMIUM UNLEADED 5 JET FUEL 95 UNKNOWN 2 WASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)  D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED 4 GASAHOL 7 METHANOL 1 PRODUCT 99 OTHER (DESCRIBE IN ITEM D. BELOW)
HE TANK CONSTRUCTION
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN  SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC  MATERIAL 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP  (Primary Tank) 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER ALGALE  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?  YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC PROTECTION 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NONE OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A(U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER  B. CONSTRUCTION A U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 LINKNOWN A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER  C. MATERIAL AND A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE  CORROSION A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP  PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL 99 OTHER 4645
V. TANK LEAK DETECTION
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST-USED (MO/DAYYR)  2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING  3. WAS TANK FILLED WITH INERT MATERIAL?  YES NO DESTINATED OF SUBSTANCE REMAINING
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANTS NAME (PRINTED & SIGNATURE) ANK DELICAL BY BRUCE HEE MADE  OATE  4-4-94
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.#  COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE
THE SOOM BUST DE ACCOUNTAINED BY A DEDNIT APPLICATION SOON A UNIT ACCOUNT AND



51D 376

# FAX TRANSMITTAL :

ATTN: MS. SUSAN HUGO	! ! 
ALAMEDA COUNTY ENVIRONMENTAL	HEAUTH
Fax (5)0) 569-4757	 
FROM: BRUCE HABEMAN	 
This transmittal is page 1 of	

Comments:

3732 Mt. Diablo Blvd #372 Lafayette CA 94549 (510) 284-1661 FAX (510) 284-1664

5110 376



94 MAR -2 AMII: 50

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

March 1, 1994

Ms. Susan Hugo, Hazardous Material Specialist Alameda County Health Services Agency Department o Environmental Health 80 Swan Way, Room 200 Oakland, CA 94621

Re: Rix Industries/ Frank Dewolf

6460 Hollis Street Emeryville, CA

Dear Ms. Hugo:

Please find attached a copy of the "Underground Storage Unauthorized Release (Leak) / Contamination Site Report.

Since I do not have a supply of tear out carbon forms I am sending you seven xerox copies.

I would also like to meet with you again to discuss the proposed work plan requested in your letter. I would appreciate meeting with you at the earliest date possible so we might meet your deadline.

I will look forward to discussing this project with you in the very near future.

Thanks for your help.

Sincerely,

HAGEMAN-AGUIAR, INC.

attachments

cc: Miles Benedict, MRE Commercial Real Estate

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_	TY HEALTH DEPAR		SUSAN HUGO		1	271-4530
REGIONAL BOARD					PHONE	006 1065
SAN FRANCISC	O BAY		RICHARD HIETT			286-1255
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DATE DISCHARGE BEGAN	हर्यो		METHOD USED TO STOP DISCH	NUBCE (CHECK ALL THAT AS	<u> </u>	COE TANK
HAS DISCHARGE BEEN STOPP	A A XX N	#ONOWN	REPAIR TANK	REPAIR PPING	=	OSE TANK UNGE PROCEDURE
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OFECK APPRIX PRIATE ACTION(S		E & DISPOSE (ED)	REMOVE FREE PROD			DEGRADATION (IT)
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03,70%	METHYL ETHYL TPH, BTEX, K MTE OISCOVERED	EROSE	NE, HAL	THY ISOBUTYL	KETON	ORGANICS		E MONITORING	OUANTITY CO.	XX unknown
WO.VED D	METHYL ETHYL TPH, BTEX, K	EROSE	NE, HAL	THY ISOBUTYL	KETON LATILE	ORGANICS			OUANTITY CO.	EXX UNINOM
Waveo	METHYL ETHYL TPH, BTEX, K MTE OISCOVERED	EROSE	ENE, HAL	OGENATED VO	LATILE NVENTORY TANK REMO	ORGANICS CONTROL (X) VAL (C) COO USED TO S TO	SURSURFAC OTHER POSCHARGE (C	DE MONITORING DIECK ALL THAT AP	OUMITTY LO	EXX UNKNOWN  [XX UNKNOWN  [XX UNKNOWN  SANCE CONDITIONS
0 + 0	METHYL ETHYL  TPH, BTEX, K  MTE DISCOVERED  TE DISCOVERED  ATE DISCOVERED BEGAN  LI LI DI DI	EROSE 9 1 2	ENE, HAL	OGENATED VO	LATILE NVENTORY TANK REMO	ORGANICS CONTROL (X) VAL (CONTROL (X) OR USED TO STOR	SURSURFAC OTHER POSCHARGE (C	ZE MONITORING SHECK ALL THAT AP REPLACE TANK	OUMITTY (0	ET (GULLONS)  [XX] UNKNOWN  [XX] UNKNOWN  SANCE COMOTTONS  OSE TANK
03 P 0	METHYL ETHYL  TPH, BTEX, K  ATE DISCOVERED  ATE DISCOVERED  ATE DISCOVERED  LI LI DI DI  AS DISCOVERED BEEN STOPP	EROSE	ENE, HAL	OGENATED VO	LATILE NVENTORY TANK REMO	ORGANICS CONTROL (X) VAL (CONTROL (X) OR USED TO STOR REMOVE CONTROL REPAIR TANK	SURSURFAC OTHER POSCHARGE (C	DE MONITORING DIECK ALL THAT AP	OUMITTY (0	EXX UNKNOWN  [XX UNKNOWN  [XX UNKNOWN  SANCE CONDITIONS
The part of the pa	METHYL ETHYL  TPH, BTEX, K  MTE DISCOVERED  TE DISCOVERED  ATE DISCOVERED BEGAN  LI LI DI DI	EROSE	ENE, HAL	OGENATED VO  CONCERSO  TANK TEST  ONLY PERSONNEL  ONLY PERSONN	LATILE NVENTORY TANK REMO	ORGANICS CONTROL (X) VAL (	SURSURFAC OTHER POSCHARGE (C	ZE MONITORING SHECK ALL THAT AP REPLACE TANK	OUMITTY (0	ET (GULLONS)  [XX] UNKNOWN  [XX] UNKNOWN  SANCE COMOTTONS  OSE TANK
S S S S S S S S S S S S S S S S S S S	METHYL ETHYL  TPH, BTEX, K  MTE DISCOVERED  TO J 7 J 2 of 4 of  ATE DISCOVERED BEGAN  LI LI OF OF  TYES NO FYE  THE DISCOVERED BEEN STOPP  TYES NO FYE  THE DISCOVERED BEEN STOPP  THE	EROSE	ENE, HAL	OGENATED VO  NONCERED TANKTEST   (X) LINDOWN  of of of of	KETONI  LATILE  NVENTORY  TANK REMO  MATER	ORGANICS CONTROL (X) VAL (	SURSURFAC OTHER POSCHARGE (C	E MONITORING HECK ALL THAT AP REPLACE TANK REPAIR PIPING	NUI:	STIGALLONS)  [XX] UNKNOWN  [XX] UNKNOWN  SANCE CONDITIONS  OSE TANK  UNGE PROCEDURE  RUPTUREFALURE
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ፌ	BRUCE HAGEMAN		0) 284-1661 / Jane	2/80	Luce
152011	REPRESENTING XX OWNER	NOMERATION TO REGIONAL BOARD	HAGEMAN - AGUIAR, INC		0
岩	3732	MT. DIABLO BLV	D, #372 CATY LAFAYETTE	STATE	A <u>9</u> 454
ع ۾	FRANK DEWOLF	unknown	MILES BENEDICT	PHOME (510)	450-1415
PARTY	AXXIESS CASA DE EMDEKO	75-5082 ALII D	RIVE cm KAILUA-KONA	TATE HI	,9674
$\exists$	FACILITY NAME (F APPLICABLE)		OPERATOR	PHONE	
5	RIX INDUSTRIES	<u> </u>	DAVE SILVA/BERT OTTERSON	[610]	658-5275
-	4001ESS 6460	HOLLIS STREET	EMERYVILLE	CA	_9460
, j.	CAOSS STREET	TPEE	AERCIAL TYPE OF BU	3000011	ETAIL PUEL STATION
	·	BESIDENTIAL O		XX OTHER M	
+	LOCAL AGENCY	AGENCY NAME	CONTACT PERSON	PHONE	
E NC IES	ALAMEDA COUNTY HEAL	TH DEPARTMENT	SUSAN HUGO	(510)	271-4530
	SAN FRANCISCO BAY		RICHARD HIETT	(510)	286-1255
	(I)	NAME	TONE	QUANTITY LOS	,
and the second		, METHY ISOBUTYL KE	TONE		XX menowi
1	7) TDU RTEY KEDOSENE	, HALOGENATED VOLAT	TIE ORGANICS		[XX unnown
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() () () ()	CAP SITE (CO)	EXCAVATE & DISPOSE (ED)			! !
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UNDERGROU	ND STORAGE TANK	<del></del>	ED RELEASE (LEAK FOR LOCAL AGENCY USE	OM V: Signed 1928	13.5° Ca 21.500	20. so
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NAME OF MONORAL FE	NG HEPORT	PHON	-	SNATORE		
BRUCE HAGEM	AN	(51	0) 284-1661	June	Te	luce
E     ICICAL AGENCY	OTNER	REGIONAL BOARD	HAGEMAN -	AGUIAR, INC.	/ ()	
3732	MT.	DIABLO BLV	), #372 <sub>criv</sub> LAF	AYETTE	STATE	A 94549
FRANK DEWOL	<b>F</b>	- unknown	MILES BENEDIC	T	(510)	450-1415
S CASA DE EMD	EKO 175-	5082 ALII D	UI T	ILUA-KONA	WTATE HI	,96740
FACILITY NAME (# APPLICA	ABLE)		OPERATOR		PHONE	
RIX INDUSTR	IES		DAVE SILVA/BERT	OTTERSON	610	<u>658-5275</u>
RIX INDUSTR.	ног г	IS STREET	eny EMER	VVILLE	CA	.94608
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LOCAL AGENCY	AGENCY NAM	· · · · · · · · · · · · · · · · · · ·	CONTACT PERSON		PHONE	
I	NTY HEALTH DEPAR	TMENT	SUSAN HUGO		(510)	271-4530
SAN FRANCISO	CO BAY		RICHARD HIETT			286-1255
(9)		MAME			OUMITTY LOS	T (GALLONS)
	KETONE, METHY	ISOBUTYL KET	ONE			[XX unknown
METHYL ETHYL		<u> </u>				
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C	MEROENCY TYES XX NO POORT DATE	HAS STATE OF REPORT SEE	☐ AEI (¥¥ ko	FOR LOCAL AGENCY USE ON THEREBY CERTIFY THAT I AMY REPORTED THIS INFORMATION THE HEALTH AND EATTY COOK.	L DESKANATED GYAFFIN	ASSAULT FLANT	المساسد سلامة فتشمك
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Ġ.	BRUCE HAGEMA			10) 284-1661	Mund	They	Mu
)4 (ED	j LOCAL AGENCY		PERATOR TO REGIONAL ROARD	HAGEMAN - AG	UIAR, INC.		
2	AIY)01 S'S			<del></del>			
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3 3	FRANK DEWOLF		C UNIGHOWN	MILES BENEDICT		/ 510	450-1415
PARTY	ADDRESS		UNKNOWN			11 /	
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	FACILITY NAME (F APPLICA			OPERATOR		PHONE	
5	RIX INDUSTRI	ES		DAVE SILVA/BERT O	TTERSON	1510)	658-5275
LOCAL DA	40014ESS 6460		HOLLIS STREET	EMERYV	THE	C.F	_946
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	LOCAL AGENCY		AGENCY NAME	CONTACT PERSON		PHONE	071 4500
SENCIES PENCIES	ALAMEDA COUN	TY HEALT	H DEPARTMENT	SUSAN HUGO		(510)	271-4530
ğ	SAN FRANCISC	O BAY		RICHARD HIETT			286-1255
-	(1)		HAME	<u> </u>		O VIITINUC	ST (GALLOWS)
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i	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT SEEN FILED T	FOR LOCALIAGENCY USE ONLY	THE COMPLICATION OF THE PARTY O
TES XX HO	ME W NO	REPORTED THIS SEFORMATION TO LOOK	ATED GOVERNMENT ENGLINEE AND TRUT I HA L OFFICIALS PURSUANT TO SECTION ESSAU
REPORT DATE	CASF #	THE HEALTH AND SAFTY COOK	
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BRUCE HAGEMA	ı	ONE SIGNATURE (10) 284-1661	
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l <b>+</b> -	OTHER OPERATOR OF REGIONAL BOAR	HAGEMAN - AGUIAR,	, inc. $\mathcal{O}$
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3732	MT. DIABLO BL	VD, #372 COTY LAFAYETTE	STATE CA 9454
NAME STUDIES		CONTACT PERSON	PHONE
FRANK DEWOLF	CHOOM	, MILES BENEDICT	(510, 450-1415
R XXXXXESS			
Z CASA DE EMDE	THE ET	CITY	BIAGE DP
FACILITY NAME (F APPLICA		OPERATOR	PHONE
RIX INDUSTRI	ES	DAVE SILVA/BERT OTTERS	SON (610) 658-5275
RIX INDUSTRI	HOLLIS STREET	EMERYVILLE	CA9460
CAOSS STREET	\$11 <b>4</b> 221		PE OF BUSINESS RETAIL FUEL STATION
	1	OTHER	FARM XX OTHER MFG.
LOCAL AGENCY	AGENCY NAME	CONTACT PERSON	PHONE
1	TY HEALTH DEPARTMENT	SUSAN HUGO	(510) 271-4530
PEGKONAL BOARD			PHONE
SAN FRANCISC	O BAY	RICHARD HIETT	(510) 286-1255
§ 6	EROSENE, HALOGENATED VOLA		[X] UNKNOWN
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# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY



DAVID J KEARS, Agency Director

Certified Mail# P 386 338 487

February 17, 1994 STID# 376

Mr. Frank Dewolf Kanaida #3001 78-261 Manukai Street

Kailua - Kona, HI 96740

RAFAT A SHAHID, ASST. AGENCY DIRECTOR

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

RE: RIX Industries

6460 Hollis Street, Emeryville, California 94608

Dear Mr. Dewolf:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the files concerning the investigation of unauthorized release associated with the underground storage tanks at the referenced site. This office is in receipt and has completed its review of the "Report of Soil and Groundwater Investigation" dated July 24, 1992 submitted by Hageman-Aguiar, Inc. for the referenced site.

Based on this review, the following issues listed below must be addressed:

1) Ten underground storage tanks (between 500 - 1000 gallons) in capacity are currently on site. These tanks were used by Sterling Paints, the property owner prior to 1972, as stated in the November 21, 1991 letter submitted by Hageman- Aguiar. It appears that these tanks have not been used since Rix Industries (current tenant) occupied the referenced site. Rix Industries became aware of the presence of these tanks in 1989 as stated in the same letter (11/21/91) from Hageman-Aguiar. These tanks are subject to permanent closure requirements as stated in Title 23 of the California Code of Regulations Section 2670 (c). These tanks in which the storage of hazardous substances have ceased and the tanks will not be used, or are not intended for use to store hazardous substances within the next twelve consecutive months must be removed. The tanks must be properly closed as required by Section 25298, Chapter 6.7 of the of California Health and Safety Code. It appears that the issue of tank closures has dragged on since 1991. This department, in a letter dated 5/6/92, approved the proposed closure in place of the five underground storage tanks inside the building and requested submittal of closure plan for the physical removal of the other five underground storage tanks located in the service area. A correspondence from this agency dated 5/28/92 clarified issues concerning in place closure stated in

Mr. Frank Dewolf RE: 6460 Hollis Street, Emeryville, CA 94608 February 17, 1994 Page 2 of 3

Mr. Bruce Hageman's letter of 5/14/92. A Final Notice of Violation dated October 14, 1993 from this department was forwarded to you and Mr. Miles Benedict (your representative) notifying you to either apply for a permit or submit a tank closure plan. We received your facsimile letter (10/21/93) responding that the 10 tanks will be removed upon the departure of your tenant, Rix Industries. This proposal is not acceptable. The permanent closure of the tanks must occur within 60 days from the date of this letter.

- 2) An unauthorized release occurred at the site. The results of the groundwater samples collected from the three monitoring wells ( MW-1, MW-2 and MW-3) detected contaminant concentration up to 9,300 ppb TPH gasoline; 20,000 ppb TPH diesel; 20,000 ppb kerosene; 21,000 ppb mineral spirits; 3.8 ppb benzene; 3,600 ppb toluene; 69 ppb ethyl benzene; 1,880 ppb xylene; 28 ppb TOG; 980 ppb carbon tetrachloride; 36 ppb 1,1 dichloroethane; 450 ppb 1,2 dichloroethane; 630 ppb dichloroethene; 2,200 ppb tetracholoroethene; 81 ppb tricholoroethane; 300 ppb tricholoroethene; 46 ppb vinyl chloride. The three wells were installed in June 27, 1992 to demonstrate that no unauthorized release occurred and abandonment of tanks in place can proceed. Clearly, the referenced site has experienced a leak. Enclosed a copy of the " Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report" which must be completed and submitted to this office within five working days upon receipt of this letter.
- 3) A workplan must be submitted to determine the vertical and horizontal extent of soil and/or groundwater contamination at the referenced site. Soil and groundwater samples must be analyzed for all constituents of the previously stored hazardous substances and their breakdown or transformation products. A time schedule for all phases of the investigation and remediation activities must be included.
- 4) Groundwater monitoring wells must be sampled every quarter and analyzed for target compounds. Groundwater elevation readings must be incorporated in the quarterly monitoring program. All monitoring wells must be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL). The quarterly monitoring program must be implemented in a timely fashion due to the extent of contamination found at the site.

Response to items #1, #3 and #4 must be submitted to this office no later than March 21, 1994.

Mr. Frank Dewolf RE: 6460 Hollis Street, Emeryville, CA 94608 February 17, 1994 Page 3 of 3

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- \* cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- \* site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- \* proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- \* any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- \* historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- \* tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,

Susan L. Hugo

Senior Hazardous Materials Specialist

### Enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health Rich Hiett, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division / files
Mr. Miles Benedict, 5801 Christie Ave., Suite 675
Emeryville, CA 94608

Mr. Bruce Hagéman, Hageman-Aguiar, 3732 Mt. Diablo Blvd. Suite #372, Lafayette, CA 94549

2011 December 1991 *U.S. GPO; 1992—323-402 DOMESTIC RETURN RECEIVE	SENDER:  • Complete items 1 and/or 2 for additional sense complete items 3, and 4a & b.  • Pint your name and address on the reverse return this card to you.  • Attach this form to the front of the mailpiect does not permit.  • Write "Return Receipt Requested" on the mail to the Return Receipt will show to whom the article delivered.  3. Article Addressed to:  Mr. Frank Dewolf Kanaida #3001  78-261 Manukai Stre  Kailua - Kona, HI  STID#367  5. Signature (Addressee)	7. Date of Delivery  Consult postmaster for fee.  Addressee's Address
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## Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail (See Reverse)

Mr. Frank Dewolf Sucet a Kanaida #3001 PO State State 260 Manukai St. Kailua-Kona, HI Postage 96740 SH Certified Fee STID#
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Attn Miles K Benedect 51C

This is to verify that MRE & Millisk Benedic are authorised as our legal represents alives to monage + operate the Delboll properties at 6A amiral #472 and 6 460 Hollis ST Emeryalle la. But regards

C-Trank Delloy



Date:

1/5/94

To:

All Personnel

From:

Bert Otterson

Subject:

HOLIDAY SCHEDULE FOR 1994

## Following is the holiday schedule for 1994:

1.	Washington's Birthday	February 21	Monday
2.	Memorial Day	May 30	Monday
3.	Independence Day	July 4	Monday
4.	Labor Day	September 5	Monday
5.	Thanksgiving Day	November 24	Thursday
6.	Day After Thanksgiving	November 25	Friday

## No Floating Holiday in 1994

The plant will be closed from 24 December thru 1 January, 9 days. Four days are weekends, four days are holidays, including the floater, the fifth day each employee must select to take vacation or go without pay.

Devolin de TRS
75-6082 alió en RS

STID 376

Kailus- Kona H196740

DATE: 11-9-93

TO : Local Oversight Program

FROM: BAIAN POLIVA

SUBJ: Transfer of Eligible Local Oversight Case

Site name: RIX INDUSTRIES  Address: 6460 Hollis ST city Emergy   Peip 94608
TO BE ELLIGIBLE FOR LOP A CASE MUST MEET 3 QUALIFICATIONS:
1. Number of Tanks: 9 removed? Y N pate of removal
Contamination should be over 100 ppm TPH to qualify for LOP
3. Petroleum Y N Types: Avgas Jet Keaded unleaded Diesel
DepRef remaining \$ Closed with Candace/Leslie? (Y) N (If no explain why?)
THE ABOVE QUALIFICATIONS YOU SHOULD DO THE

IF YOUR SITE MEETS ALL OF THE ABOVE QUALIFICATIONS YOU SHOULD DO THE FOLLOWING TO TRANSFER THE SITE:

- 1. YOU MUST CLOSE THE DEPOSIT REFUND CASE AT THIS TIME. YOU MUST ACCOUNT FOR ALL TIME YOU HAVE SPENT ON THE CASE AND TURN IN THE ACCOUNT SHEET TO LESLIE. IF THERE ARE FUNDS STILL REMAINING IT IS STILL BETTER TO TRANSFER THE CASE TO LOP AS THE RATE FOR LOP ALLOWS THE ADDITION OF MANAGEMENT AND CLERICAL TIME. DO NOT ATTEMPT TO CONTINUE TO OVERSEE THE SITE SIMPLY BECAUSE THERE ARE FUNDS REMAINING!
- 2. COMPLETE THE A AND B PERMIT APPLICATION FORMS AND GIVE TO CONNIE/ELAINE
- 3. GIVE THE ENTIRE CASE TO THE PROPER LOP STAFF UPSTAIRS FOR THEM TO DO THE REST OF THE TRANSFER AND YOU ARE DONE!

FAX 610-569-4757

Mr. Brian P. Oliva, REHS, REA Hazardous Materials Specialist Department of Environmental Health Hazardous Materials Division 80 Swan Way, Room 200 Oakland, CA. 94621

VIA FAX: (510) 569-4757

RE: 6460 HOLLIS STREET, EMERYVILLE, CALIFORNIA

Dear Mr. Oliva:

This is in response to your letter of October 14, 1993.

Based on the Hageman-Aguiar, Inc. report, ordered by me last year to determine the damage to the property caused by Sterling Paint Company underground tanks, and which we have advised Bruce Hageman to forward to you, we have no alternative, as we see it, but to prepare to remove the tanks upon the departure of our tenant, Rix Industries.

We have instructed Mr. Hageman, who represents us in this matter, to work with HMD to prepare the proper documents for such a procedure for my review.

In agreeing to this procedure, we are doing so with the provision that our letter of October 2, 1989, to Rafat A. Shahid, then chief of HMD, continues to be on the record. That correspondence is attached.

## Further, these facts:

- 1. The lot wherein the tanks are located under a concrete slab, was always a marsh in the winter fed by a miles-long series of broken and clogged severs terminating in "Unnamed Creek," the northeast boundary of our property.
- 2. Past property-line history will show that "Unnamed Creek" (the official name of this boundary) was covered over by a Western Pacific Railroad spur to service a fire brick warehouse owned by Kaiser Refractories several lots east of our prop-

FROM

GLORIA & FRANK DEWOLF Kanaida #3001 78-261 Manukai St. Kailua-Kona, Hi 96740 PH/FX (808) \$22-0653

3. In the dry maner, the ebb and flow of the Bay salt water could be observed by looking through holes in the sewer man-hole cover or by digging a shallow hole in the lot in question. THERE HAS · NEVER BEEN POTABLE WATER WITHIN A LONG DISTANCE FROM THIS PROPERTY.

4. The tanks in question have been empty for more than 25 years and who knows how much contamination has been washed in and out of this property since it was taken over from the Indians?

Very truly yours,

cc: M.K. Benedict, MRE

Bruce Hageman

Marcus Beverly, Sedwick James

please note our current mailing adress and phone \* FAX number above \*

3 THE PARADE, BUCKLANDS BEACH AUCKLAND, NEW ZEALAND 2 October 1989 Phone: (649)534-7010

RAFAT A. SHAHID, CHIEF HAZARDOUS MATERIALS PROGRAM ALAMEDA COUNTY HEALTH CARE SERVICES 470-24TH STREET, THIRD FLOOR OAKLAND, CALIFORNIA 94612

٠ [

RE: 6460 HOLLIS ST. NOTICE OF LEGAL OBLIGATION DEAR MR. SHAHID:

WE ARE IN RECEIPT OF YOUR LETTER DATED SEPTEMBER 27, 1989.

PLEASE SUBMIT THE NECESSARY INSTRUCTIONS AND FORMS IN ORDER TO OBTAIN A PERMIT AND/OR TANK CLOSURE PLAN AS STATED IN YOUR. LETTER. (ARTICLE 7, 2670 OR ARTICLE 10, 2710.)

IF YOU HAVE A FAX MACHINE, YOU MAY SEND THE INFORMATION TO US AT THIS NUMBER: 011 649 537 0782 TO OUR ATTENTION:

YOU SHOULD BE AWARE THAT THERE IS AN ANCIENT SEWER LINE WHICH IS

## ALAMEDA COUNTY

## HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

RAEMA. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTI Hazardous Materials Division 80 Sw2 ₩ay, Rm. 200 Oakla id, ( 94621

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 $(510)^{-1}$ 

October 14, 1993 Certified Mailer# P 113 815 257 Mr. Frank De Wolfe 75-5870 Kahakai Ave., Kailua, Kona, HI 96740 Certified Mailer# P113 815 256 Mr. Miles Benedict 5801 Christie Ave., Suite 675 Emeryville, CA 94608

Re: 6460 Hollis St., Emeryville,

FINAL NOTICE OF VIO

Dear Mr. DeWolfe & Mr. Benedict:

Our records indicate that there are underground storage tanks at the above facility. You were notified of this situation several years ago and again in August of this year. You have not taken the appropriate action as described.

In accordance with the California Code of Regulations, Title 23. Chapter 3, Subchapter 16, of the Underground Tank Regulations, you must perform the following actions:

- Submit a tank closure plan to this department as required by Article 7, Section 2670, or,
- Apply for a permit as required by Article 10, Section 2)

You are directed to notify this department within ten (10) days of your intentions and to obtain the necessary instructions and If no action is forthcoming the case will be referred to the Alameda County District Attorneys Office for further action.

Please note that Section 25299 of the California Health & Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars nor more than five thousand dollars per day for failure to obtain a permit, or failure to properly close an underground storage tank, as required by Section 25298.

If you have any questions concerning this matter, please contact this office, at (510) 271-4320.

Sincerely,

Brian P. Oliva, REHS, REA Hazardous Materials Specialist

BUNP Oliva

cc: Gilbert Jensen, Alameda County Deputy District Attorney.

c/s

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PS Form **3800**, June 1991

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

Hazardous Materials Division

80 Swan Way, Rm. 200

Oakland, CA 94621

(510) 271-4320

DEPARTMENT OF ENVIRONMENTAL HEALTH

October 14, 1993

Mr. Frank De Wolfe 75-5870 Kahakai Ave., Kailua, Kona, HI 96740

Mr. Miles Benedict 5801 Christie Ave., Suite 675 Emeryville, CA 94608

EmeryVille, CA 94608

Re: 6460 Hollis St., Emeryville, CA 94608

FINAL NOTICE OF VIOLATION

Dear Mr. DeWolfe & Mr. Benedict:

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- 1) Submit a tank closure plan to this department as required by Article 7, Section 2670, or,
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You are directed to notify this department within ten (10) days of your intentions and to obtain the necessary instructions and forms. If no action is forthcoming the case will be referred to the Alameda County District Attorneys Office for further action.

Please note that Section 25299 of the California Health & Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars nor more than five thousand dollars per day for failure to obtain a permit, or failure to properly close an underground storage tank, as required by Section 25298.

If you have any questions concerning this matter, please contact this office, at (510) 271-4320.

Sincerely,

Brian P. Oliva, REHS, REA Hazardous Materials Specialist

Bunt Oliva

cc: Gilbert Jensen, Alameda County Deputy District Attorney.

C'S

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH

October 14, 1993

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Sincerely,

Brian P. Oliva, REHS, REA Hazardous Materials Specialist

MAP Oliva

cc: Gilbert Jensen, Alameda County Deputy District Attorney.

cs

### ALAMEDA COUNTY

## HEALTH CARE SERVICES



DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

October 14, 1993

Mr. Frank De Wolfe 75-5870 Kahakai Ave., Kailua, Kona, HI 96740

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Re: 6460 Hollis St., Emeryville, CA 94608

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Sincerely,

Brian P. Oliva, REHS, REA

Bust Oliva

Hazardous Materials Specialist

cc: Gilbert Jensen, Alameda County Deputy District Attorney.

or agent and DATE DELIVERED.

Receipt for

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(See Reverse)

MR. Miles

ALAMEDA COUNTY HEALTH CARE SERVICES



AGENCY DAVID J. KEARS, Agency Director

Certified Mail #P 418 724 598

August 17, 1993

Mr. Miles Benedict 5801 Christie Ave., Suite 675 Emeryville, CA 94608

RAFAT A.

DEPARTA Hazardou 80 Swan 1 Oakland, (

(510) 271

Street and No 6801P.O., State and ZIP Code Postage Ś Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom & Date Delivered Return Receipt Showing to Whom, Date, and Addressee's Address TOTAL Postage \$ Postmark or Date

Re:

FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANKS (UST'S) 6460 Hollis St., Emeryvillle, CA 9

According to our records the above mentioned fa received a five-year permit to operate UST's. the following items marked below and return the days. The example plans enclosed should be used only as

guidelines and may not meet your requirements under Title 23.

1. Complete UST PERMIT FORM A - one per facility. 2. Complete UST PERMIT FORM B - one per tank. (enclosed)

3. Complete UST PERMIT FORM C - one per tank if information is available. (enclosed)

4. A written tank monitoring plan.

5. Results of precision tank test(s) (initial and annual).
6. Results of precision pipeline leak detector tests (initial and annual).

7. An accurate and complete plot plan.

8. A written spill response plan.

(enclosed) (enclosed)

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Brian P. Oliva, REHS at 510/271-4320 if you have any questions which may arise in completing the mandatory five year permit process.

Sincerely,

ma P. Oli Brian P. Oliva, REHS

Hazardous Materials Specialist

cc: Ed Howell/files

Frank De Wolfe, 75-5870 Kahakai Rd., Kailua Kona, Hi 96740

DAVID J. KEARS, Agency Director

Ging.

RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #P 418 724 598

August 17, 1993

Mr. Miles Benedict 5801 Christie Ave., Suite 675 Emeryville, CA 94608 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

ETY.

Re:

FIVE-YEAR PERMITS FOR OPERATION OF EIGHT UNDERGROUND STORAGE TANKS (UST'S) AT 100 Hollis St., Emeryvillle, CA 94608

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items marked below and return them to me within 30 days. The example plans enclosed should be used only as guidelines and may not meet your requirements under Title 23.

Complete UST PERMIT FORM A - one per facility. (enclosed)
 Complete UST PERMIT FORM B - one per tank. (enclosed)

3. Complete UST PERMIT FORM C - one per tank if information is available.

(enclosed)

4. A written tank monitoring plan. (enclosed)

5. Results of precision tank test(s) (initial and annual).

6. Results of precision pipeline leak detector tests (initial and annual).

7. An accurate and complete plot plan.

(enclosed)

8. A written spill response plan.

(enclosed)

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Brian P. Oliva, REHS at 510/271-4320 if you have any questions which may arise in completing the mandatory five year permit process.

Sincerely,

Brian P. Oliva, REHS

Bun P Ol

Hazardous Materials Specialist

cc: Ed Howell/files

Frank De Wolfe, 75-5870 Kahakai Rd., Kailua Kona, Hi 96740

P 438 724 598

(BPD)
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AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #

August 5, 1993

Mr. Miles Benedict 5801 Christy Ave., Emeryville, CA 94608 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

Re:

FIVE-YEAR PERMITS FOR OPERATION OF FOUR UNDERGROUND STORAGE TANKS (UST'S) AT 6460 Hollis St., Emeryvillle, CA 94608

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items marked below and return them to me within 30 days. The example plans enclosed should be used only as quidelines and may not meet your requirements under Title 23.

(enclosed) 1. Complete UST PERMIT FORM A - one per facility. (enclosed)

2. Complete UST PERMIT FORM B - one per tank. 3. Complete UST PERMIT FORM C - one per tank if information

is available. (enclosed)

(enclosed) 4. A written tank monitoring plan.

5. Results of precision tank test(s) (initial and annual). 5. Results of precision pipeline leak detector tests (initial

and annual). 7. An accurate and complete plot plan. (enclosed) (enclosed) 8. A written spill response plan.

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Brian P. Oliva, REHS at 510/271-4320 if you have any questions which may arise in completing the mandatory five year permit process.

Sincerely, Bun P. Olin

Brian P. Oliva, REHS

Hazardous Materials Specialist

cc: Ed Howell/files

Frank De Wolfe, 75-5870 Kahakai Rd., Kailua Kona, Hi 96740

RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #P 113 815 263

August 5, 1993

Mr. Miles Benedict 5801 Christy Ave., Emeryville, CA 94608 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

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permit process.

Bun P. Oline

Brian P. Oliva, REHS

Hazardous Materials Specialist

cc: Ed Howell/files
Frank De Wolfe, 75-5870 Kahakai Rd., Kailua Kona, Hi 96740
Certified Mailer #P 113 815 265

P 113 815 263

Keceipt for Certified Mail No Insurance Coverage Provided Do not use for International Mail (See Reverse)

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RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #

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Sincerely, Bun P. Olice

Brian P. Oliva, REHS

Hazardous Materials Specialist

cc: Ed Howell/files Frank De Wolfe, 75-5870 Kahakai Rd., Kailua Kona, Hi 96740

Complete items 1 and/or 2 for additional services.  Complete items 3, and 4a & b.  Print your name and address on the reverse of this form so the eturn this card to you.  Attach this form to the front of the mailplece, or on the back it loss not permit.  Write "Return Receipt Requested" on the mailplece below the arti- The Return Receipt will show to whom the article was delivered a	t space 1. L. Addressee's Address
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Receipt for
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## HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

# FAX TRANSMISSION COVER SHEET

JUNE 19, 92

TIME: 10:00 AT PM

ATTEN: SUSAN WUGO

COMPANY: ALAKEDA HEALTH DEPT.

FAX #: (510) 569-4757

SENDER: BRUCE HAGELIAN

YOU SHOULD RECEIVE PAGE(S) - INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, OR RECEIVED IN ERROR

PLEASE CALL BAGEMAN-AGUIAR, INC.

IMMEDIATELY AT (510) 284-1661.

OUR FAX NUMBER 15: (510) 284 - 1664

COMMENTS:

## HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Bivd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

June 18, 1992

Ms. Susan Hugo Alameda County Health Services Agency Department of Environmental Health Hazardous Materials Division 80 Swan Way, Room 200 Oakland, CA 94621

RE: Closure of Underground Storage Tanks at Rix Industries 6460 Hollis Street
Emeryville, CA

Dear Ms. Hugo:

In response to your letter of May 28, 1992, the project at the Rix Industries Facility regarding in-place closure of five (5) underground storage tanks will commence on Saturday, June 27, 1992.

Hageman-Aguiar, Inc., understands the requirements for In-Place Closure, those specific requirements will be followed where it is possible to do so.

In response to your comment regarding approval by the Emeryville Firs Department, a copy of the Fire Code Permit was sent to your office in March, 1992 ( please find a second copy attached). Please note it is dated 2/28/92.

should you have any questions regarding this project, please call me at (510) 284 1661.

Sincerely,

Bruce Mageman

HAGEMAN-AGUIAR, INC.

cc: Mr. Frank de Wolf

Mr. Miles Benedict

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3732 Mt. Diablo Blvd. Suite 372 Lafavette, California 94549 (510) 284-1661 FAX (510) 284-1664

June 18, 1992

Ms. Susan Hugo Alameda County Health Services Agency Department of Environmental Health Hazardous Materials Division 80 Swan Way, Room 200 Oakland, CA 94621

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Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

cc: Mr. Frank de Wolf

Mr. Miles Benedict

LLE FIRE DEPARIMENT MENTION BUREAU LLIS STREET

EMERYVILLE, CA 94608 No FIRE CODE PERMIT 655-7678 PERMISSION IS HEREBY GRANTED MAINTAIN STORE ON PREMISES LOCATED AT PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTION \_\_\_ ADDITION REQUIREMENTS\_ ENG. CO. DISTRICT #\_ **EXPIRATION DATE:** PERMIT ASPROVED BY THIS PERMIT MUST BE POSTED WITH BUSINESS

LICENISE

RAFAT A. SHAHID. Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621

(510) 271-4320

May 28, 1992

Mr. Bruce Hageman Hageman-Aguiar, Inc. 3732 Mt. Diablo Blvd., Suite 372 Lafayette, California 94549

RE: Closure of Underground Storage Tanks at Rix Industries 6460 Hollis Street, Emeryville 94608

Dear Mr. Hageman:

This letter is in response to your letter dated May 14, 1992 and to follow up our May 26, 1992 meeting requesting clarification on specific issues concerning the in-place closure of the underground storage tanks at the referenced site. I will address each item in the order outlined in your letter:

Abandonment of product/vent lines - All pipings associated with the underground storage tanks must be removed and properly disposed of unless removal will damage structures at the site. Pipings that will be closed in-place must be emptied of all contents, rinsed, filled with slurry acceptable to Emeryville Fire Department and capped.

Fire Department permit - The underground storage tanks to be closed in place must be approved by Emeryville Fire Department. The tanks must be filled with inert materials which meet the requirement of Emeryville Fire Department. The response from this department took some time because of the fact that you can not confirm the exact number of tanks at the site. Initially, you applied for permits to close eight tanks (four tanks to be removed and four tanks to be abandoned in place). Currently, we are dealing with ten tanks (five tanks to be removed and five tanks to be abandoned in place).

Soil borings/ groundwater monitoring wells - In order that this department will approve abandonment of tanks in place, you have to demonstrate that no unauthorized release occurred. Slant soil borings must be collected within one foot of the tank. If the depth to groundwater is less than 20 feet, then a groundwater monitoring well must be installed within 10 feet from the tank and/or piping in the verified downgradient direction. Since the tanks are clustered in one area inside the building, you must determine the number of monitoring wells to be installed that will meet the requirements mentioned above.

Mr. Bruce Hageman

RE: 6460 Hollis Street, Emeryville 94608

May 28, 1992 Page 2 of 2

You should be aware that if significant contamination which pose a threat to water quality be discovered at the site, compliance with the reporting requirements must be followed and a plan of correction must be submitted which may modify your proposed closure plan.

Please notify this office at least three days in advance when the soil borings and/or groundwater monitoring well installation will be started to arrange a site visit by a representative from this department.

Should you have any questions concerning this letter, please contact me at (510) 271-4530.

Sincerely,

Susan L. Hugo

Susan L. Hugo

Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health Gil Jensen, Alameda County District Attorney's Office Rich Hiett, San Francisco Bay RWQCB

Mr. Frank de Wolfe, Hale Kona Kai 75-5870 Kahakai Road Kailua Kona, Hawaii 96740

Mr. Miles Benedict, 2807 Telegraph Avenue, Berkeley CA 94705 Files

## HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

# FAX TRANSMISSION COVER SHEET

DATE: MAY 15,92

TIME: 11:40(B) PM

ATTEN: MS. SUSAN HUGO

COMPANY: ALAMEDA HEALTH-HAZ-MAT. DIVIS.

FAX /: (510) 569-4757

BENDER! B. HAGEMAN

YOU SHOULD RECEIVE 3 PAGE(S) - INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, OR RECEIVED IN ERROR

PLEASE CALL MAGEMAN-AGUIAR, INC.

IMMEDIATELY AT (510) 264-1661.

OUR FAX NUMBER IS: (510) 284 - 1664

COMMENTS:

## HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 PAX (510) 284-1664

May 14, 1992

Ms. Susan Hugo Senior Hazardous Materials Specialist Alameda County Health Services Dept. Of Environmental Health Hazardous Materials Division

RE: Closure of Underground Storage Tanks Rix Industries 6460 Hollis Street Emeryville, CA 94608

Dear Ms. Hugo:

Thank you for the copy of the letter dated 5/06/92 sent to Mr. Frank DeWolf regarding the subject site.

The letter contains conditions that need clarification to this office:

- 1) Our proposed plan for abandonment includes filling all product/vent lines with slurry at the same time the tanks are filled.
- 2) We previously sent you a copy of the permit issued by the city of Emeryville Fire Department. As a matter of fact, response from Alameda County Health Department has taken so long to respond to our application, the Emeryville Fire Permit has expired and will require an additional fee to be paid (See second copy attached).
- 3) In reference to the paragraph regarding soil borings/

May 14, 1992 cont.-

groundwater monitoring wells, you state that if groundwater is less than 20 feet, then a groundwater monitoring well must be installed adjacent to the tank and/or piping in the verified downgradient direction. Since we are quite confident groundwater will be encountered between five to ten feet, does this mean you are requesting five (5) groundwater monitoring wells inside the building at Rix Industries?

As I have told you in our past conversations, we most urgently need clarification to question #3, so that we may proceed with scheduling of the boring/monitoring wells.

You had stated in the past that you <u>must be present</u> during the boring/monitoring well installation. If this is the case, I must remind you this work can only be done on weekends and will most likely take two days, both Saturday and Sunday.

Please advise at your earliest convenience.

Best regards.

Hageman-Aguiar, Inc.

encls.

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

May 6, 1992

Mr. Frank de Wolfe Hale Kona Kai 75-5870 Kahakai Rd. Kailua Kona, Hawaii 96740

RE: Closure of Underground Storage Tanks at Rix Industries 6460 Hollis Street, Emeryville 94608

Dear Mr. de Wolfe:

This letter is in response to the proposal by Hageman-Aguiar, Inc. to close the ten underground storage tanks at the referenced site. I made a site visit on April 2, 1992 and found that five of the underground storage tanks were inside the building and the other five were located outside, in the service area at the back of the facility.

The proposal for abandonment in-place of the five underground tanks inside the building is acceptable to this department provided the following items are addressed:

- \* The liquid contents must be removed and properly disposed. Please provide this office with the name of the contractor and the proposed disposal site.
- \* All piping associated with the underground storage tanks must be removed and disposed of unless removal might damage structures or other pipes that are being used and that are contained in a common trench, in which case the piping to be closed should be emptied of all contents and capped.
- \* The tanks must be filled with inert material per Emeryville Fire Department's requirements. Please provide this office with documentation from Emeryville Fire Department approving the in-place closure of the tanks.
- \* A notice must be placed in the deed to the property. The notice should describe the exact vertical and areal location of the closed underground storage tanks, the hazardous substances it contained and the closure method.
- \* Please provide this office with documentation that no unauthorized release has occurred at the site. Slant soil borings must be collected within one foot of the tank. If the depth to groundwater is less than 20 feet, then a groundwater

Mr. Frank de Wolfe

RE: 6460 Hollis Street, Emeryville 94608

May 6, 1992 Page 2 of 2

monitoring well must be installed adjacent to the tank and/or piping in the verified downgradient direction. Soils must be analyzed for all constituents of the previously stored hazardous substances and their breakdown or transformation products.

The five underground storage tanks located outside, in the service area, are subject to the permanent closure requirements as stated in Title 23 of the California Code of Regulations Section 2670 (c). These five underground storage tanks in which the storage of hazardous substances have ceased and the tanks will not be used, or are not intended for use to store hazardous substances within the next twelve consecutive months must be removed. An underground tank closure plan must be submitted and approved by this department before the tanks are removed.

In the event that significant contamination which pose a threat to water quality be discovered at the site, compliance with the reporting requirements must be followed and a plan of correction must be submitted which may modify your proposed closure plan.

Should you have any questions concerning this letter, please contact me at (510) 271-4530.

Sincerely,

Susan L. Hugo

Suran L. Hugo

Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health Mr. Miles Benedict, 2807 Telegraph Avenue, Berkeley CA 94705 Bruce Hageman, Hageman-Aguiar, Inc. 3732 Mt. Diablo Blvd., Suite 372, Lafayette, CA 94549

Files

# STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED SITE 6 TEMPORARY SITE CLOSURE
ETED)
NAME OF OPERATOR  MR. BERT OTTERSON
NEAREST CROSS STREET AVE PARCEL # (OPTIONAL)
STATE ZIP CODE SITE PHONE # WITH AREA CODE CA 9408 415-658-5275
LOCAL-AGENCY COUNTY-AGENCY STATE-AGENCY FEDERAL-AGENCY DISTRICTS
FINDIAN # OF TANKS AT SITE E.P.A. I.D. # (optional) OR TRUST LANDS     Continued by the con
EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST) PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)  PHONE # WITH AREA CODE
CARE OF ADDRESS INFORMATION MIR. MILES BENEDICT 94705 2807 TELEGRADH AVE., BERKELEY, CA
box to Indicate Individual Local-agency STATE-AGENCY CORPORATION PARTNERSHIP COUNTY-AGENCY FEDERAL-AGENCY
STATE ZIP CODE PHONE # WITH AREA CODE
HAWAII 916746 (808) 329-9796
CARE OF ADDRESS INFORMATION
CARE OF ADDRESS INFORMATION SAME AS ABOVE
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SAME AS ABOVE  box to indicate individual local-agency state-agency  corporation partnership county-agency federal-agency  state zip code phone # with area code  HAWALL 96740 808-329-9796
SAME AS ABOVE    STATE AS ABOVE   LOCAL-AGENCY   STATE-AGENCY
SAME AS ABOVE  box to indicate individual cocal-agency state-agency corporation partnership county-agency federal-agency state zip code phone # with area code HAWALL 96740 808-329-9796  IMBER - Call (916) 323-9555 if questions arise.
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#### INSTRUCTIONS FOR COMPLETING FORM "A"

(维维) (2011年) 1987年

- completed for all NEW PERMITS, PERMIT CHANGES or any PACILITY/SITE 最高。2002年第7月至3日以内代数份
- SUBMIT ONLY ONE (1) FORM 'A" for a Facility/Site, regardless of the number of tanks located at the site
- This form should be completed by either the PERMIT APPLICATIF or the LOCAL AGENCY UNDERGROUND
- Please type or print clearly all requested information
- Use a high fount winting instrument, you ero making 3 copies.

#### TOP OF FOR J. WALL ONLY ONE HEM.

Mark an (X) in the box next to the item that best describes the reason the form is being completed.

#### L. FACTOTY/SPEE INFORMATION & ADDRESS (MUST BE COMPLETED)

- Recent name and address (physical location) of the underground; surk(s)
  - Address Attist has a wallet physical location including say, strict and zip code, SOLBOK NUMBERS ARE NOT ACCOPTABLE.

Include nearest cross street and name of the operator

- 2. Phone number must have an area code. If the night number is the same, wrate "SAME" in proper k cution there in appropriate box for TYPE OF BUSINESS OWNERSHIP (ox CORPORATION EXDIVIDEAL, etc.).
  4. Check the appropriate box for TYPE OF BUSINESS.

- If Cacility/Site is located within an Indua esservation or other Indian trust lands, theek the box marked "Y15". 5
- Indicate the NUMBER of TANKS at this SULL 6.
- Record the P.P.A. II) # or write "NONE" in the space provided

#### II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; if the same write "SAME AS SITE" across this section. Be said to check PROPERTY OWNERSHIP TYPE box.

#### III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

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#### IV. BOARD OF FOUALIZATION US! STORAGE ITE ACCOUNT NUMBER (RUST BE COMPLETED)

trace your Board or Equationion (BOE) USE storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in appointing the \$0,006 (6 mills) per valloused due on the number of gallons placed at your USTs. The BOE will code persons exempt from paying the storage fee so revers will not be sent. If you do not have an account number with the BOL: not you have any questions regarding the fee or exemptions, phase call the BOE at 916 323-9555 or write to the BOE at the loftowing address Board of Equalization, Environmental Fires Unit, P.O. Box 942879, Secramento, CA 94279-0001.

#### V. PERCHEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USFs owned by any Federal or State agency are exempt from this requirement.

#### VI. LEGAL MOTERCATION AND BELLING ADDRESS

Check ONE BOX for the address that will be used for BOTH LIGAL AND BILLING NOTHICATIONS

#### APPLICANT MUST SEEN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The county and pulsdiction numbers are predetermined and can be obtained by calling the State Board (916)/39-2421. The facility number may be assigned by the total agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESFORSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERBY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS PICT PILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE POLLOWING ADDRESS.

> STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O SWILLES. DATA PROCESSING CUNIER P.O. BOX 527 PARAMOUNT, CA 90723

# STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



	FOR EACH FACILITY/SITE	<u> </u>
MARK ONLY ? 1 NEW PERMIT 3 RENEWAL PERMIT 5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSE		
ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT	6 TEMPORARY SITE CLOSURE 5-TANKS 1-3	SO GAL
I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLE		<u> </u>
DBA OR FACILITY NAME  KIX (NOUSTRIES	NAME OF OPERATOR  MR. BERT OFFERSON	1
ADDRESS 6460 HOLLIS STREET	NEAREST CROSS STREET PARCEL# (OPTIONAL)  OCEAN AVE	
CITY NAME EMERYVILLE, CA	STATE         ZIP CODE         SITE PHONE # WITH I           CA         94608         415-658	
		FEDERAL-AGENCY
TYPE OF BUSINESS 1 GAS STATION 2 DISTRIBUTOR 3 FARM 4 PROCESSOR 5 OTHER	FINDIAN # OF TANKS AT SITE E. P. A. L. D. # (option or TRUST LANDS / C)	1 '
EMERGENCY CONTACT PERSON (PRIMARY)		ļJ
DAYS: NAME (LAST, FIRST)  PHONE # WITH AREA CODE	EMERGENCY CONTACT PERSON (SECONDARY) -  DAYS: NAME (LAST, FIRST)	ptional
DAVID SILVA 415-658-5275	PHONE # WITH	ADEA CODE
NIGHTS: NAME (LAST, FIRST) PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	AHEALAR
// // // //	PHONE # WITH	AREA CODE
II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)		l
NAME	CARE OF ADDRESS INFORMATION MR. MILES BENEO	VCT
CHARLES FRANKLING DELUGLE	2807 TELEGRAPH AVE, BERKELEY	CA 94705
MAILING OR STREET ADDRESS	box to indicate NOTIVIDUAL LOCAL-AGENCY	STATE-AGENCY
CITY NAME	CORPORATION PARTNERSHIP COUNTY-AGENCY STATE ZIP CODE PHONE # WITH AREA	FEDERAL-AGENCY
KAILUA-KONA, HAWAII 96740	STATE ZIP CODE BHONE # WITH AREA 808 329	
III. TANK OWNER INFORMATION - (MUST BE COMPLETED)		
NAME OF OWNER	CARE OF ADDRESS INFORMATION	
Add as a second of the second		
CHARLES FRANKLIN DEWOLF		
MAILING OR STREET ADDRESS		STATE-AGENCY
MAILING OR STREET ADDRESS HALE KOW4 KA1-15-5870 KAHAKAI RD.	CORPORATION PARTNERSHIP COUNTY-AGENCY	FEDERAL-AGENCY
MAILING OR STREET ADDRESS  HALE KON4 KAI -15-5870 KAHAKAI RD.  CITY NAME  KAILUA - KONA	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII 46146 (808) 324	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HALE KOWA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII 46146 (808) 324	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HALE KON4 KAI -15-5870 KAHAKAI RD.  CITY NAME  KAILUA - KONA	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII 46146 (808) 324	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HILE KOWA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII 46146 (808) 324	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HILE KOWA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII A6146 (808) 324  MBER - Call (916) 323-9555 if questions arise.	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HALE KOWA KAI - 15 - SE70 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 - V.  V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE CO  box to indicate   I SELF-INSURED   2	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  HAWAII A6146 (808) 324  MBER - Call (916) 323-9555 if questions arise.	FEDERAL-AGENCY CODE
MAILING OR STREET ADDRESS  HILE KOW4 KA1 - 75 - SE70 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY STATE ZIP CODE PHONE # WITH AREA (808) 324  MBER - Call (916) 323-9555 if questions arise.  OMPLETED) – IDENTIFY THE METHOD(S) USED 2 GUARANTEE (3 INSURANCE)	FEDERAL-AGENCY CODE 7 - 9796  4 SURETY BOND
MAILING OR STREET ADDRESS  HILE KOW4 KA1 - 75 - SE70 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) – IDENTIFY THE METHOD(S) USED  2 GUARANTEE STATE STATE  3 INSURANCE STATE  6 EXEMPTION 99 OTHER  On and billing will be sent to the tank owner unless box   or    is a	FEDERAL-AGENCY CODE 7 - 9796  4 SURETY BOND
MAILING OR STREET ADDRESS  HALE KOWA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY STATE ZIP CODE PHONE # WITH AREA (808) 324  MBER - Call (916) 323-9555 if questions arise.  OMPLETED) – IDENTIFY THE METHOD(S) USED 2 GUARANTEE SINSURANCE 99 OTHER  On and billing will be sent to the tank owner unless box   or    is    TIFICATIONS AND BILLING: I.    II.     ND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT	FEDERAL-AGENCY CODE  9-9796  4 SURETY BOND  Checked,  III.
MAILING OR STREET ADDRESS  HLE KOW4 KA1 - 75 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) - IDENTIFY THE METHOD(S) USED  2 GUARANTEE SINSURANCE SO OTHER  On and billing will be sent to the tank owner unless box I or II is a control of the property when the property w	FEDERAL-AGENCY CODE  9-9796  4 SURETY BOND  checked.  III.
MAILING OR STREET ADDRESS  HLG KOW4 KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY STATE ZIP CODE PHONE # WITH AREA (808) 324  MBER - Call (916) 323-9555 if questions arise.  OMPLETED) – IDENTIFY THE METHOD(S) USED 2 GUARANTEE SINSURANCE 99 OTHER  On and billing will be sent to the tank owner unless box   or    is    TIFICATIONS AND BILLING: I.    II.     ND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT	FEDERAL-AGENCY CODE  9-9796  4 SURETY BOND  checked.  III.
MAILING OR STREET ADDRESS  HLE KOW4 KA1 - 75 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) - IDENTIFY THE METHOD(S) USED  2 GUARANTEE SINSURANCE SO OTHER  On and billing will be sent to the tank owner unless box I or II is a control of the property when the property w	FEDERAL-AGENCY CODE  9-9796  4 SURETY BOND  checked.  III.
MAILING OR STREET ADDRESS  HLG KOW4 KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KOWA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) – IDENTIFY THE METHOD(S) USED  2 GUARANTEE 3 INSURANCE 5 EXEMPTION 99 OTHER  On and billing will be sent to the tank owner unless box   or    is on the property action of the prope	FEDERAL-AGENCY CODE  -9796  4 SURETY BOND  checked.  III.
MAILING OR STREET ADDRESS  HLE KONA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KONA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) - IDENTIFY THE METHOD(S) USED  2 GUARANTEE 3 INSURANCE 6 EXEMPTION 99 OTHER  On and billing will be sent to the tank owner unless box   or    is on the property action of the prope	FEDERAL-AGENCY CODE  -9796  4 SURETY BOND  checked.  III.
MAILING OR STREET ADDRESS  HLE KONA KAI - 15 - 5870 KAHAKAI RD.  CITY NAME  KAILUA - KONA  IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUM  TY (TK) HQ 4 4 -	CORPORATION PARTNERSHIP COUNTY-AGENCY  STATE ZIP CODE PHONE # WITH AREA  (808) 324  MBER - Call (916) 323-9555 if questions arise.  MPLETED) - IDENTIFY THE METHOD(S) USED  2 GUARANTEE 3 INSURANCE 6 EXEMPTION 99 OTHER  On and billing will be sent to the tank owner unless box   or    is on the property action of the prope	FEDERAL-AGENCY CODE  - 9796  4 SURETY BOND  Checked.  III.  VEAR

#### INSTRUCTIONS FOR COMPLETING FORM "A"

CHARLES THE SERVICE CANCEL

113 - 2 COMPleted for all MEW PERMITS, PERMIT CHANGES of any FACULITY/SELE - with the transmission of the contract of the

SUBMIT ONLY ONE (1) FORM "A" for a Lacility/Site, regardles, of the number of tanks located at the site

- This form should be completed by either the PERMIT APPLICABIL or the LOCAL AGENCY UNDERGROUND TARA INSTITUTE.
- Please t pe or print clearly all requested information. the could point writing instrument, you are making 3 copies.

TOP OR REST. MANY ONLY ONE HEM!

Mark an  $(\lambda)$  in the  $\lambda$  -next to the item that best describes the reason the form is being completed

#### 1. FACHATY/SLITE INFORMATION & ADDRESS (MUST BE COMPLETED)

Record name and address (physical location) of the underground ank(s)

NOTE: Address MUST have a valid physical location including, ery, state, and zip code.

10 HOX NUMBERS ARE NOT ACCEPTABLE.

Include nearest cross street and name of the operator

Phone number must have an area cade. If the night number is the same, write "SAME" in proper location

Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, PADIVIDUAL etc.) theck in appropriate box for TYPE OF BUSINESS

It facility/Sue is located within an Indian reservation or other Indian trust lands, check the box mail of "YFS"

Indicate the NUMBER of TANKS at this SHE,

Record the F.P.A 10 # or write 'NONF" in the space provided.

#### IL PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all nems in this section, unless all nems are the same as SECTION 1; if the same, write "SAMPLAS SYTE" across this section. Be sure to check PROPERTY OWNERSHIP TYPE box

#### THE THREE CAPTURE INFORMATION I ADDITION (MUST BE COMPLETED)

Complete all tiems in this section, unless all froms are the same as "dECHON I: It the same, write "SAMD! AS SITE" across this action. He said to energ TANK OWNHESTAR TYPH box.

#### IV. ROARD OF PROAFIZATION UST STORAGE FER ACCOUNT NUMBER (MUST BE COMPLETED)

Luter your Board of Equalication (BOP) USE storage tee account number which is required before your permit application can be processed. Registration with the BOH will ensure that you will receive a quarterly storage fee return in reporting the \$0,006 (6 and b) per gallon fee due on the number of gallons placed in your USTs. The BOE will code to sons exempt from paying the storage fee so returns call not be sent. If you do not have an account number with the BOE or it you have any questions regarding the fee or exemptions, please call the BOE at 916 323-9555 or write to the BOE at the following a fdr see Board of Equalization, Environmental fees Unit, P.O. Box 942879, Sacramento. CA 94279-0001.

#### V. PETROTEUM UST EPIANCIAL RESPONSIBILITY (MUST IN (XIMPLITED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. UST; owned by any Federal of State agency are exempt from this requirement.

#### VI. LUGAL ROTHTCATEIN AND BUTTOG ADDRESS

Check ONE BOX for the address that will be used for BOTH LUGAL AND BELLING NOTIFICATIONS.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction teambers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number may be assigned by the local agency, however, this number must be numerical and cannot contain any alphabeheal. If the local agency preiers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERBY YOU ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE FOR ACCOUNT NUMBER IS NOT HELD DE. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE LOCAL AGENCY USE ONLY INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(5) TO THE POLLOWING ADDRESS.

> STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL WOARD C/O S.W.MMEP.S. DATA PROCESSING CENTER P.O. BOX 597 PARAMOUNT, CA 90/25

### STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD





SE SULL 3 2 COMPLETE A SEPARATE FOI	RM FOR EACH TANK SYSTEM.
MARK ONLY ONE ITEM  2 INTERIM PERMIT  4 AMENDED PERMIT	5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX LA DA	STRIES-6460 HOLLIS ST., EMERYVILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D. # LINKOWN	B. MANUFACTURED BY: LNKOWN
C. DATE INSTALLED (MO/DAYNEAR) LINKOUW	D. TANK CAPACITY IN GALLONS: 4- SOOD BAC
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.	
A.	C. 1a REGULAR UNLEADED 4 GASAHOL 7 METHANOL  ASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED	C. A S.#:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND	DALL THAT APPLIES IN BOXID AND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH E SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAIN	
B. TANK MATERIAL Primary Tank  1 BARE STEEL 2 STAINLESS STEEL 6 POLYVINYL CHLORIDE 10 GALVANIZED STEEL	3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  5 GLASS LINING  6 UNLINED  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?	3 EPOXY LINING 4 PHENOLIC LINING 95 UNKNOWN 99 OTHER YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING PROTECTION 5 CATHODIC PROTECTION 91 NONE	3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) NONE	OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) NONE
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGE	ROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE AU 1 SUCTION A U 2 PRESSURE	A U 3 GRAVITY A U 99 OTHER
B, CONSTRUCTION A(U) 1 SINGLE WALL A U 2 DOUBLE WALL	A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND A U 1 BARE STEEL A U 2 STAINLESS STEEL CORROSION A U 5 ALUMINUM A U 6 CONCRETE PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTEC	A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP CTION A(1) 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TO	
V. TANK LEAK DETECTION	
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE M 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE	ONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 95 UNKNOWN 99 OTHER
VI. TANK CLOSURE INFORMATION	
1. ESTIMATED DATE LAST USED (MO/DAY/YR) 2. ESTIMATED QUANTITY O SUBSTANCE REMAINING	
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJUR  APPLICANT'S NAME (PRINTED & SIGNATURE) FRANK DEVILOF BY BRUCE F.  LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF	Y, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT  BY LOCAL HOLL DATE  ACTION, CONSUMANT  THE FOLIR NUMBERS RELOW
COUNTY# JURISDICTION#	FACILITY # TANK #
STATE I.D.#	
PERMIT NUMBER PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

#### INSTRUCTIONS FOR COMPLETING FORM "B"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, MGMOVALS and/or at yother TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- Please type or print clearly all requested information.
- Use a hard point writing instrument, you are making 3 copies,

#### TOP OF FORM: "MARK ONLY ONE ITEM"

- Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- Indicate the DBA or Facility name where the tank is installed.

#### I. TANK DESCRIPTION - COMPLETE ALL FITMS - IP UNKNOWN - SO SPECIFY

- Indicate owners tank ID # If there is a tank number that is used by the owner to identify the tank (ex. A15/0/89).
- Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- Indicate the year the rank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### II. TANK CONIENTS

- 1. If MOTOR VFIHCLE FUEL, check box 1 and complete items B & C.
  - 2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- Check the appropriate box.
- Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- Print the chemical name of the hazardous substance stored in the tank and the CA.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### III. TANK CONSTRUCTION - MARK ONE TIEM ONLY IN BOX A, B, C & D

- Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- Circle A if above ground; circle U if underground; and circle both if applicable.
- If UNKNOWN, circle; or if OTHER, print in space provided.
- Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- ESTIMATED DATE LAST USED MONTH/YEAR (January, 1988 or 01/88). ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B'(s) TO THE FOLLOWING ADDRESS.

> STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.E.F.P.S. DATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723

### STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD





COMPLETE A SEPARATE FO	RM FOR EACH TANK SYSTEM.
MARK ONLY 1 NEW PERMIT 3 RENEWAL PERMIT ONE ITEM 2 INTERIM PERMIT 4 AMENDED PERMIT	5 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED ON SITE 6 TEMPORARY TANK CLOSURE 8 TANK REMOVED
DBA OR FACILITY NAME WHERE TANK IS INSTALLED: RIX INSTALLED:	ISTRIES - 6460 HOLLISST, EMERYILLE
I. TANK DESCRIPTION COMPLETE ALL ITEMS SPECIFY IF UNKNOWN	
A. OWNER'S TANK I. D. # LINKNOWN	B. MANUFACTURED BY: LINKNOWN
C. DATE INSTALLED (MO/DAY/YEAR) LIN KNOWN	D. TANK CAPACITY IN GALLONS: 4-550 GA EAL
II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.	
A. 1 MOTOR VEHICLE FUEL 4 OIL B. 2 PETROLEUM 80 EMPTY 1 PF 3 CHEMICAL PRODUCT 95 UNKNOWN 2 W.	C. 1a REGULAR 3 DIESEL 6 AVIATION GAS  RODUCT 1b PREMIUM UNLEADED 5 JET FUEL 7 METHANOL  ASTE 2 LEADED 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED	C. A. S. #:
III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND	DIALL THAT APPLIES IN 80X DIAND E
A. TYPE OF 1 DOUBLE WALL 3 SINGLE WALL WITH E SYSTEM 2 SINGLE WALL 4 SECONDARY CONTAIN	So Simulating
B. TANK MATERIAL (Primary Tank)  1 BARE STEEL 2 STAINLESS STEEL 6 POLYVINYL CHLORIDE 10 GALVANIZED STEEL	3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP 95 UNKNOWN 99 OTHER
C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  5 GLASS LINING  6 UNLINED  IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?	3 EPOXY LINING 4 PHENOLIC LINING 95 UNKNOWN 99 OTHER YES NO
D. CORROSION 1 POLYETHYLENE WRAP 2 COATING PROTECTION 5 CATHODIC PROTECTION 91 NONE	3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR)	OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)
IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGE	OUND, BOTH IF APPLICABLE
A, SYSTEM TYPE AU 1 SUCTION A U 2 PRESSURE	A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A 1 SINGLE WALL A U 2 DOUBLE WALL  C. MATERIAL AND A 1 BARE STEEL A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
CORROSION A U 5 ALUMINUM A U 6 CONCRETE  PROTECTION A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECT	A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP CTION A 1 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TO	GHTNESS TESTING 3 INTERSTITIAL 99 OTHER NOWE
V. TANK LEAK DETECTION	
1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE M 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE	ONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 99 OTHER
VI. TANK CLOSURE INFORMATION	
1. ESTIMATED DATE LAST USED (MO/DAY/YR)  2. ESTIMATED QUANTITY O SUBSTANCE REMAINING	
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJUR	Y, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANT'S NAME (PRINTED & SIGNATURE) FRANK DE WOLF BY DRE	BRUCE HACENHAU DATE 3-24-92
LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF	
STATE I.D.# COUNTY # JURISDICTION #	FACILITY# TANK#
PERMIT NUMBER PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

#### INSTRUCTIONS FOR COMPLETING FORM "B"

#### GENERAL INSTRUCTIONS:

- One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or and other TANK INFORMATION CHANGE.
- This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
- 3. Please type or print clearly all requested information.
- 4. Use a hard point writing instrument, you are making 3 copies.

#### TOP OF FORM: "MARK ONLY ONE ITEM"

- Mark an (X) in the box next to the item that best describes the reason the form is being completed.
- 2. Indicate the DBA or Facility name where the tank is installed.

#### I. TANK DESCRIPTION - COMPLETE ALL TIEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # ~ If there is a tank number that is used by the owner to identify the tank (ex. ΔΒ70789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG).
- C. Indicate the year the tank was installed (ex. 1987).
- D Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

#### II. TANK CONTENTS

- A. I. If MOTOR VEHICLE FUEL, check box I and complete items B & C.
  - 2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of MOTOR VEHICLE FUEL (if box I is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the CA.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

#### HI. TANK CONSTRUCTION - MARK ONE TIEM ONLY IN BOX A, B, C & 1)

- 1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
- If OTHER, print in the space provided.

#### IV. PIPING INFORMATION

- 1. Circle A if above ground; circle U if underground; and circle both if applicable.
- 2. If UNKNOWN, circle; or if OTTIER, print in space provided.
- 3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

#### V. TANK LEAK DESTECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

#### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

- 1. ESTIMATED DATE LAST USED MONITI/YEAR (January, 1988 or 01/88).
- 2. ESTIMATED OUANITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
- 3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

#### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

#### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD C/O S.W.E.E.P.S. DATA PROCESSING CENTER P.O. BOX 527 PARAMOUNT, CA 90723

## HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

# FAX TRANSMISSION COVER SHEET

DATE: APRIL 24,92

TIME: 22 00 AM (PH)

ATTEN: MS. SUSAN HUGO

COMPANY: ALAMEDA COUNTY HEALTH

FAX #: (510) 569-4757

SENDER: BRUCE HAGEMAN

YOU SHOULD RECEIVE PAGE(8) - INCLUDING COVER SHEET.

IP YOU DO NOT RECEIVE ALL PAGES, OR RECEIVED IN ERROR

PLEASE CALL HAGEMAN-AGUIAR, INC.

IMMEDIATELY AT (510) 284-1661.

OUR FAX NUMBER IS: (510) 284 - 1664

COMMENTS:



3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

April 24, 1992

Ms. Susan Hugo Alameda County Health Agency Division of Hazardous Materials Department of Environmental Health 80 Swan Way, Room 200 Oakland, CA 94621

RE: Underground Tank Closure Application Rix Industries 6460 Hollis Street Emeryville, CA 94705

Dear Ms. Hugo:

I am following up on the telephone conversation we had on Monday, April 20, 1992 regarding the subject location. My understanding of that conversation was that you were going to mail out a letter concerning the application for Closure of Underground Tanks to Mr. Miles Benedict, agent for the property owner, and Hageman-Aguiar, Inc.. We had in fact, scheduled soil borings in the tank area for this week-end, but since there has been no letter from your office we have had to cancel the project.

Because, this property is unmarketable with the tanks on the site and there is potential buyer it is very important the underground tank project be resolved soon.

Please advise us as to when we might expect the letter

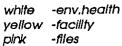
advising us of approval to proceed.

Thank you for your cooperation.

sincerely,

HAGEMAN-AGUIAR, INC.

Brúce Hageman



white

pink

### ALAMEDA COUNTY, DEPARTMENT OF **ENVIRONMENTAL HEALTH**

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

**Hazardous Materials Inspection Form** 

****		Site Site $\frac{1}{2}$ Name $\frac{1}{2}$
	3. RR Cars > 30 days 2554 4. Inventory Information 2551 5. Inventory Complete 2731 6. Emergency Response 2555 7. Training 2559 6. Deficiency 2559 9. Modification 2559  ACUTELY HAZ. MATLS  10. Registration Form Filed 255 11. Form Complete 255 12. RMPP Contents 255 13. Implement Sch. Req'd7 (Y/N) 14. OttSite Conseq. Assess. 255 15. Probable Risk Assessment 255 16. Persons Responsible 255 17. Certification 255	Site Address 6460 Halls Street  City Energy ille Zip 94608 Phone  MAX AMT stored > 500 lbs, 55 gal., 200 cft.?  Inspection Categories:  I. Haz. Mat/Waste GENERATOR/TRANSPORTER  II. Business Plans, Acute Hazardous Materials  III. Underground Tanks  Callf. Administration Code (CAC) or the Health & Safety Code (HS&C)
	19. Trade Secret Requested? 255	Business-manufacture, au Compressor
III.	UNDERGROUND TANKS (Title 23)	for suips inc
General		There appears you to the period of
Tanks Monitoring for Existing Canks		_ 5 timbes mary the leveling applying for closure of place,
New Ton		Site-used to be Sterling, Co. Till
lov	6/88	Proposed to do Gal boungs on all
	Contact: Title: Signature:	The insidulportside the building. II, III  Les Harmand - Kuil Inspector:  There Signature: Susan L. Hugh

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664



#### FAX TRANSMISSION SHEET

DATE: MARCH 13,1992

TIME: 2:00 AM \ PM

ATTEN:

MS. SUSAN HOGAN

ALAMEDA COUNTY HEALTH SERIVCES

COMPANY:

ENVIRONMENTAL HEALTH DEPARTMENT

FAX #: ( 510 ) 569-4757

BENDER: BRUCE HAGEMAN, HAGEMAN-AGUIAR, INC.

RE: TANK CLOSURE / RIX INDUSTRIES

6460 HOLLIS STREET- EMERYVILLE, CA

YOU SHOULD RECEIVE 1 PAGE(S) - INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL HAGEMAN-

AGUIAR, INC. IMMEDIATELY AT (415) 284-1661.

OUR FAX NUMBER IS: (510) 284 - 1664

MS. HOGAN

#### COMMENTS:

I HAVE TRIED TO REACH YOU BY TELEPHONE AND HAVE BEEN UNABLE TO TALK WITH YOU. J AM INQUIRING ABOUT THE STATUS OF THE TANK CLOSURE APPLICATION FOR THIS SUBJECT LOCATION. ON MARCH 2, 1992, J FAXED TO YOUR OFFICE ALL THE ADDITIONAL INFORMATION YOU REQUESTED.

WE ARE MOST ANXOIUS TO START THIS PROJECT, AS A REAL ESTATE TRANSACTION IS PENDING LTS COMPLETION. I WILL AWAIT YOUR RESPONSE.

BRUCE HAGENAN

MAR-13-92 FRI 16:00 AGUIAR ENGINEERING

RAGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661

FAX (510) 284-1664

FAX

#### FAX TRANSMISSION SHEET

DATE: MARCH 13,1992

LLOO

TIME: 2:00 AM / PM

ATTEN:

MS. SUSAN HOGAN

COMPANY:

ALAMEDA COUNTY HEALTH SERIVCES ENVIRONMENTAL HEALTH DEPARTMENT

FAX #: ( 510 ) 569-4757

SEMDER: BRUCE HAGEMAN, HAGEMAN-AGUIAR, INC.

RE: TANK CLOSURE / RIX INDUSTRIES

6460 HOLLIS STREET- EMERYVILLE, CA

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AGUIAR, INC. IMMEDIATELY AT (125) 284-1661.

OUR FAX NUMBER IS: (510) 284 - 1664

HS. HOSAN

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BRUCE HAGEWAY

49

MAR- 2-92 MON 17:00 AGUIAR ENGINEERING

AGEMAN-AGUIAR, INC.

Underground Contamination Investigations
Groundwater Consultants, Environmental Engineering

3732 Mt. Diablo Blvd, Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664



FAX TRANSMISSION SHEET

DATE: 3-2 - 92

5 Sec. 3

TIME: 5.10 AN PM

TO: SUZY HUGO

COMPANY: ALAMEDA CO. HEALTH PERICY ENVIRON MENTAL HEALTH DEDT

SENDER: PRICE FALEMAN
HALFERAN-AGUAR, INC.

YOU SHOULD RECEIVE

PAGE(S) - INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL HAGEMAN-

AGUIAR, INC. IMMEDIATELY AT (415) 284-1661.

OUR FAX MACHINE IS: GROUP 2 AND 3

OUR FAX NUMBER IS: (510) 284 - 1664

COMMENTS:



3732 Mt. Diablo Bivd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

March 3, 1991

MS. Suzy Hugo Alameda County Health Care Services Agency Department of Environmental Health Hazardous Materials Program 80 Swan Way, Room 200 Oakland, California 94621

RE: Tank Closure Permit Application Rix Industries 6460 Hollis Street Emeryville, CA 94710

Dear Ms. Hugo:

Please find enclosed the additional items you requested in our telephone conversation of February 25, 1992.

I think you will find everything you have requested to act on the subject application. I hope to hear from your in the very near future so that we might proceed with the project.

Thank you in advance for your kind cooperation.

Sincerely,

HAGEMAN-AGUIAR, INC.

pruce mageman/

cc: Mr. Miles Benedict, Mason McDuffie Commercial R.E.

> 3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (415) 284-1661 FAX (415) 284-1664

January 10, 1997

Mr. Larry Seto
Alameda County Health Services Agency
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA

Re: Rix Industries 6460 Hollis Street Emeryville, CA Closure Plan

Dear Mr. Seto:

Please find enclosed a check in the amount of \$1,074.00 as a deposit on the Rix Industries Closure Plan.

Hope to hear from you in the near future concerning the project.

Thanks for your cooperation.

Sincerely,

HAGEMAN-AGUIAR, /INC.



> 3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (415) 284-1661 FAX (415) 284-1664

December 23, 1991

Frank Alhino
Fire Marshal
City of Emeryville
Emeryville Fire Department
6303 Hollis Street
Emeryville, CA

RE: Abandonment in Place
Four (4) underground Storage Tanks
Rix Industries
6460 Hollis Street
Emeryville, CA

Dear Mr. Alhino

Please consider this letter a request for approval of the abandonment in place of the four small underground storage tanks inside the Rix building. Since our site visit last week and you had a chance in inspect the tanks relative to the footings of the building, you indicated you would recommend approval of Abandonment in Place to the Chief.

I would appreciate the Departments approval so that we may proceed with the project.

Should you have any questions please feel free to call our office and I will be happy to discuss them with you.

Thanks again for all your help.

HAGEMAN-AGUIAR, INC.

Bruce Hageman

15:5 11 LE JEO 16

> 3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (415) 284-1661 FAX (415) 284-1664

November 21, 1991

Mr. Ed Howell, Chief of The Hazardous Materials Division Alameda County Health Care Services Department of Environmental Health 80 Swan Way Room 200 Oakland, CA 94621

Re: Tank Closure Plan Rix Industries 6460 Hollis Street Emeryville, CA 94710

Dear Mr. Howell:

Please find attached an **UNDERGROUND TANK CLOSURE PLAN** for the closure of eight underground storage tanks at the subject site in Emeryville.

This is a somewhat complex project in that the present tenant, Rix Industries has occupied this location since 1972 and was not aware of the presence of any underground tanks until two years ago. The property was owned by Sterling Paint Co. prior to 1972, it is presumed the tanks were used to store products used in the formulation and manufacturing of paint products. The tanks have been out of service since Rix industries acquired the property. Based on our investigation there are four underground tanks in the open yard in back of the building presently used by Rix and there are four tanks inside the building used by Rix Industries.

There is no historical data that can be found as to the exact size or tank location in the files of the Emeryville Fire or Building Departments.

What Hageman-Aguiar, Inc. is recommending for your approval is the four underground storage located inside the main building be abandoned in place. We propose to locate the subject tanks and take core soil samples from each end of the four tanks and have the samples analyzed for the appropriate chemicals at a DHOS certified Laboratory. Based on the results of the laboratory analyses we would proceed to triple wash the tanks and dispose of the rinsate under permit and manifests at an approved TSD facility. We would then proceed to fill the tanks/lines with a cement slurry material for final closure.

slant boring to well if G.W. 1000 leban 20 Sec. 2677(d)2

The Plan for the four remaining tanks in the service yard will be to retrieve core samples at the same time we sample the inside tanks, they then would be removed from the site in the traditional manner by excavation and disposal under permit from your department.

The present property owner, Mr. Frank De Wolf presently resides in Hawaii and the property is presently leased to Rix Industries and their lease runs until mid 1993. Rix Industries manufactures high tech compressors for the Federal Government. The equipment and material used is heavy and complex and the need to dismantle and move would greatly interfere with ongoing activities of Rix industries and could have legal implications with there existing lease.

## It is for this reason we submit the following plan for your approval.

1. The abandonment-in-place of the four underground tanks inside the building begin immediately upon receipt of

a permit from Alameda County following all the approved procedures mentioned in this plan.

2. The four underground tanks in the service area in back of the building be removed at the end of the present lease to Rix Industries by Mr. De Wolf. This would be in Mid 1993. To insure the removal of the outside tanks the property owner, Mr. De Wolf would provide a bond to Alameda County guaranteeing their removal at the end of the existing lease.

I would also request a letter from you to Mr. De Wolf indicating the removal of the underground tanks is required under existing laws and regulations concerning out-of-service underground storage tanks in Alameda County. Title 23, Article 7, Sec. 2670

Ed, I appreciate your help and direction in this matter and would appreciate your response at the earliest possible date.

Sincerely,

HAGEMAN-AGUIAR, INC.

Bruce Hageman

cc: Mr. Frank De Wolf/Mr. Miles Benedict

Project Specialist (print) SUSAN K-HUGO

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

Head rote change made on page

UNDERGROUND TANK CLOSURE PLAN

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

1.	Business Name RIX INDUSTRIES		:
	Business Owner <u>MR. BERT OTTERSON</u>		1
2.	Site Address 6460 HOLLIS STREET		
	City EMERYVILLE	Zip 94710 Phone (510) 845	÷0211
3.	Mailing Address 6460 HOLLIS STREET		
	City EMERYVILLE	Zip 94710 Phone (510) 82	5-0211
4.	Land Owner FRANK De WOLF HALE KONA KAI		
	Address 75-5870 KAHAKAI RD, KAILUA KONA	ty, State HAWAII Zip	96740
5.	Generator name under which tank wil		
	EPA I.D. No. under which tank will	be manifested CAC 00065	572.0

6. Contractor BAY AREA TANK REMOVAL/HAGEMAN AGULAR, INC.	
Address 3732 MT. DIABLO BLVD.	
City LAFAYETTE, CA Phone (510) 2	84-1661
License Type A ID# 594866	
7. Consultant HAGEMAN-AGUIAR, INC.	
Address 3732 MT. DIABLO BLVD. SUITE 372	
City LAFAYETTE, CA Phone (510) 284-1661	
8. Contact Person for Investigation  Name BRUCE HAGEMAN Title PRESIDENT  Phone (510) 284-1661	
9. Number of tanks being closed under this plan 8 # 5  Length of piping being removed under this plan 150' estimated  Total number of tanks at facility 8 10  10. State Registered Hazardous Waste Transporters/Facilities (see instructions)	
instructions).  ** Underground tanks are hazardous waste and must be handled as hazardous waste	
a) Product/Residual Sludge/Rinsate Transporter	
Name WASTE OIL RECOVERY SYSTEMS EPA I.D. No. CAD 000626	515 V
Hauler License No License Exp. Date	
Address 6401 LEONA STREET	
City OAKLAND State CA Zip 94605	
b) Product/Residual Sludge/Rinsate Disposal Site	
Name DEMENNO-KERDOON EPA I.D. No. CADOO0626	515
Address	
City LONG BEACH State CA Zip	

c) Tank and Pip	ing Transporter		!
Name ERICI	CSON INC.	EPA T.D. NO	CAD 009466392 I
Hauler Lice	ense No. <u>019</u> 255 PARR BLVD.	License Exp.	Date
City RICHM	OND	State CA Zi	94801
Name LMC M	ing Disposal Site?  ETALS Exicles  South 4th. Street	_ EPA I.D. No.	CAD 9466392
City RICHN	10ND	State CA Zip	94804
<pre>11. Experienced Sampl Name KEITH JA</pre>	e Collector Y - ENVIRONMENTAL CHEMIST	r	
Company HAGEMAN-	AGUIAR, INC.		
Address 3732 MT.	DIABLO BLVD. SUITE 372		
City LAFAYETTE	Staté _CA _2	Zip	ne (510) 284-1661
12. Laboratory	•		:
Name CHROMOLAB			
Address 2239 OMEG	A ROAD # 1		
City SAN RAMON	State	CA 73	94583
State Certificati	CD NO E694	21p	
3. Have tanks or pipe		? Yes [ ] No	[ ]

14. Describe methods to be used for rendering tank inert

DRY ICE WILL BE PLACED IN TANKS APPROXIMATELY 2 HOURS PRIOR TO

REMOVING THEM FROM THE EXCAVATION (15 LBS. PER 100 GALLONS CAPACITY )

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

Ta	nk	Material to	
Capacity	Use History (see instructions)	be sampled (tank contents, soil, ground- water, etc.)	Location and Depth of Samples
STORAG THE BU	IS NO HISTORY AVAILABLE ON KNOWLEDGE RIX INDUSTRIES HE TANKS. IT IS BELIEVED THE LUDING PRIOR TO RIX. THE PART ALS USED IN THE MFG. OF PART ALS	AS NEVER USED THE UNDER AT A PAINT MFG. PLANT O	

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

Stockpiled Soil

Volume
(Estimated)

NO ESTIMATE ( SEE
COVER LETTER)

ONE SOIL SAMPLE WILL TAKEN FOR EVERY TWENTY QU. YRDS.

OF SOIL STOCKPILED.

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 Detectior Limit	1
UNKNOWN	8240/8020 8260/ICAP TO DETECT METALS 8270 -PCB PCP PNA CREOSOTE	5		
TPHQ	5030	GCFID _	1. OM	n Sai
TPHO	3550	GCFID -		nd Sai
0 e G	202 0 224	5520 DEF	- 50 jy	m (Sa
BIXEE	8020 N8240 8010 N 8240		5 xpf(	sail
ce HC	8010828240			
Id, Cr, Pb	AA or Icap		† 	
En-ni CB, PCP	392		 	
PNA Cressoli			· ·	

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

18. Submit Worker's Compensation Certificate copy Name of Insurer STATE FUND INSURANCE 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) HAGEMAN-AGUIAR, INC. Signature 🕜 Ujnuce Date \_\_\_\_11-19-91 Signature of Site Owner or Operator Name (please type) FRANK DeWOLF by MILES BENEDICT, AGENT FOR MR. De WOLF Signature \_\_\_\_\_

FEB-72-192 THU 10: MASON MCDUFFIE COMML TEL NO: 415-0958 H445 P02

18 / Submit Worker's Compensation Certificate copy

Name of Insurer STATE FUND INSURANCE 100

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (see Instructions)
- 21. Report any leaks or contamination to this office within a days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/contamination Site Report form.
- 22. Submit a closure report to this office within so 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 Dapartment 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 in not shared nor assumed by the County of Alameda,

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

Signature of Contractor

Name (please type) HAURMAN-ACHIAR INC.	
Signature Comments of the State	
Date	• •=
Signature of Site Owner or Operator	
Name (please type) FRANK Dewolf by MILES BENEDICT, AGENT FOR MR. IN. IN.	u1.#
signature Killios K.F. Ruelet	1 \$4
Date [1] 19 14 1	·*****

40.00

4. . , , ,

P.04

Emeryville Kire

6308 HOLLIS STREET, EMERYV

JIM EVERSOLE ASSISTANT CHIEF/FIRE MARSHAL (4)B) 635-7676

JIM Dicus Assistant Chief /Training Division (410)-603-9105



TELEPHONE: 596-9759 596-3750 FAX: 420-1785

FRANK ALHINO
FIRE MARSHAL

6303 HOLLIS STREET EMERYVILLE, CA 94608

2-48-72

to: Susan Huga,

the Emonyville fine Dept.

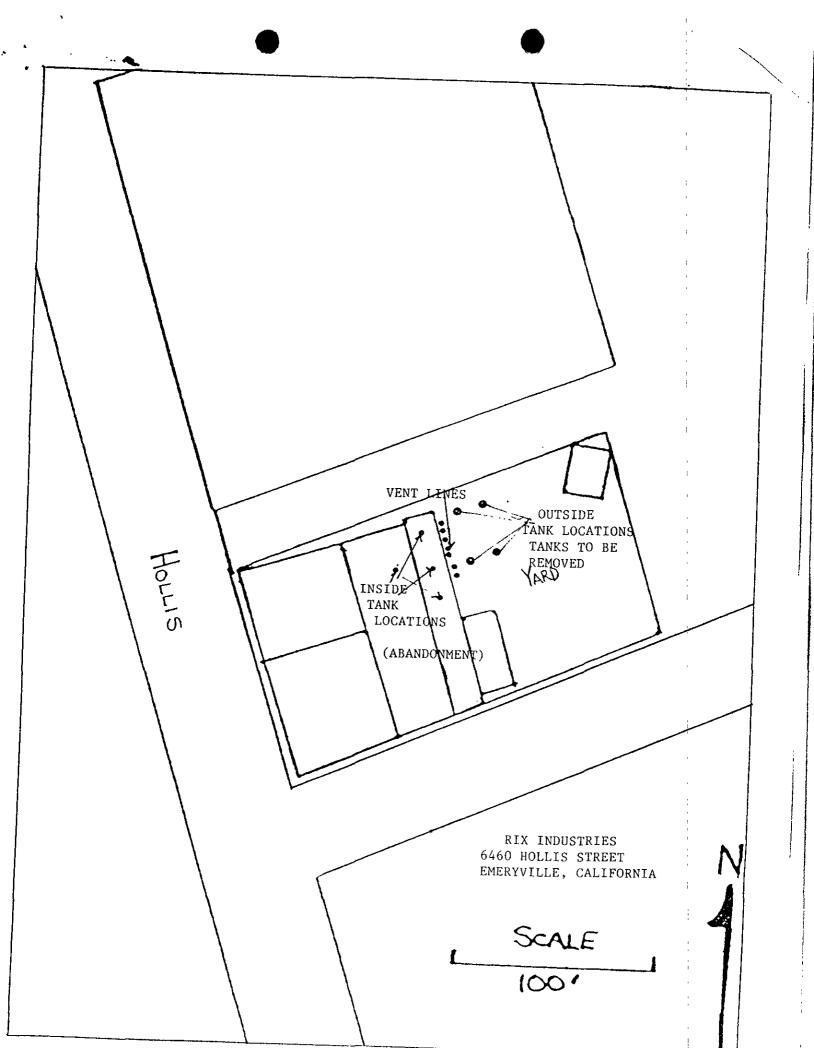
is in full compliance to fell Plan

the inside tanks in place

Afrikallallen



AR- 2-92 MOH	17:03 AGUIAR ENGINEERING P.05
A Marie Commence	EMERYVILLE PIRE DEPARTMENT CITY OF EMERYVILLE NO 1268 ·
	PERMISSION IS HEREBY GRANTED RINK TAID HOR ROW A GUIAN
	TO CHECKETE TO IN STATE
	ON PREMISES LOCATED AT 6460 Holle St.
	PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTIONOF SAID CODE.
	ADDITION REQUIREMENTS
	ENG. CO. DISTRICT # 2 EXPIRATION DATE: 4/30/92
	THIS PERMIT MUST BE PERMIT ASPROVED BY POSTED WITH BUSINESS LICENSE  THE PERMIT ASPROVED BY
	FIRE MARSHAL DATE

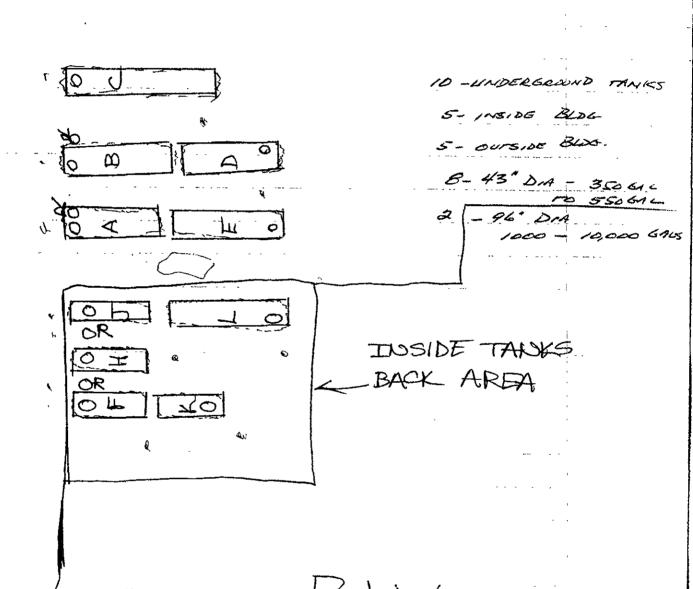


RIX INDUSTRIES
EMERYVILLE, CA
UNDERGROUND STORAGE TANK PROJECT

#### TANK CONTENTS

TANK	
A·	CHLORINATED SOLVENTS
В	NO SAMPLE - TANK EMPTY
c	FF FF FF FF
D	ee te te se
E.	MOSTLY WATER
F	SECONDARY BUTYRAL ALCOHOL
G	ETHYL SILICATE REMOTE FILL
н	ISOPROPAL ALCOHOL
(i	BUTYL ALCOHOL REMOTE FILL
J	METHYL ETHYL KETONE (MEK)
K	ETHYL SILICATE TANK EMPTY
L	

# OUTSIDE



401115

## OUTSIDE

10 - WNDERGROUND TANKS 5 - OUTSIDE BLOG. 8-43" DA - 35061C INSIDE TANKS BACK ARBA

401115

### SITE HAZARD INFORMATION FC 1006 (05-11-30)

'PLEASE PR	OVIDE THE FOLLOW	ING INFORMATION FOR THE SITE	'
Owners Name:	FRANK De WOLF	· · · · · · · · · · · · · · · · · · ·	
Site Address:	6460 HOLLIS STR	EET	
	EMERYVILLE, CA		
		1 Stree Exit, Right on Powel	
Trun left	on Hollis to 646	O, Right side of Hollis Stre	et.
<del></del>			1
Consultant On Si	te: Bruce Hageman	& Gary Aguiar	Phone Number:(510) 284-1661
Site Safety Office	r: Cary Aguiar V		Phone Number: 510 ) 284–1661
Type of Facility:	MACHINE AND MANU	FACTURING	:
Site Activities: X	Drilling Construc	ction 🖺 Tank Excavation 🔲 S	Soil Excavation Work in Traffic A
☐ Groundwate	r Extraction		Above Ground Remediation
Other:	<del>-</del> ·		
Hazardous Sub		·	
	me (CAS#)	Expected Concentration  Soil Water Air	Health Affects
Total Pet	roleum Hydrocarbo	ns expect no free product	dizziness, eye irritation
			headache, nose & throat ir
Physical Hazard	s		•
☐ Noise		☐ Excavations/Trenches	
☐ Traffic			
☑ Undergrou	nd Hazards		
Overhead I			1
			:
	to be used contin		
Level Of Protecti	on Equipment		
	⊠c ⊠o □see	Personal Protective Equipment	1
	_	T cisonari rotective Equipment	
Personal Protect  R = Required			
R Hard Ha		Salety Eyewear (Type)	SAFETY GLASSES
R Safety B	Boots	R Respirator (Type) HALF	
Orange	Vest		ON ( ORGANIC VAPOR)
R Hearing	Protection	Gloves (Type)RUBBE	CR
_RTyvek C		•	
5 Minuti;	Escape Respirator		
		(1)	1

### SITE HAZARD INFORMATION FC 1006 (05-11-90)

Monitori	ng Equipment on Site		
	Organic Vapor Analyzer		PID with lamp of eV
	Oxygen Meter		Draeger Tube
X	Combustible Gas Meter		Passive Dosimeter
	H <sub>2</sub> S Meter		Air Sampling Pump
	W.B.G.T.		Filter Media
			CHARRY IN DAY 174 DRIMS
Site Con	trol Measures <u>EQUIPMENT STEA</u>	MED C	CLEANED ON SITE, RINGATE STORED IN DOT 17H DRUMS, TO BE DISPOSED OF WITH DRILL CUTTINGS.
GLOV	E, TYVEK SUIT, SPENT CARTRI	DGES,	ER PRIOR TO EATING AND/OR LEAVING SITE.
PERS	ONNEL TO WASH WITH SOAP AND	WATE	ER PRIOR TO EATING AND/OR ELEVITOR DELIVERY
			·
Deconta			
. <u></u>			
<del></del>			
	/		
			. Phone (510) 596-7600
Hospital	//Clinic <u>KAISER HOSPITAL</u>	RIVI	D.OAKLAND
Parame	edic911		Fire Dept. 911 Police Dept. 911
Emerge	ency/Contingency Plans & Procedure	,	
			Phone Number: (510) 284-1661
Site Haza	ard Information Provided By:Bruce	пацег	Prior
	Dree	سر	Joseph Date: 12-27-91
	' '/		Signature ( )

Carried Carlos Carros Control

CERTIFICATE OF TRAINING
PRESENTED TO

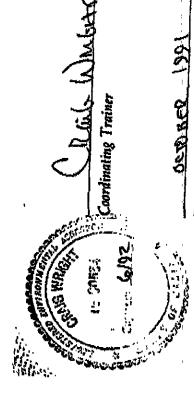
# Jary Aguidr

FOR HAVING SUCCESSFULLY COMPLETED
A TRAINING COURSE IN

40 HOURS OF HAZARDOUS MATERIALS MANAGEMENT.. 29 CFR 1910.120

# PRESENTED BY

# COVENANT ENVIRONMENTAL



å

# CERTIFICATE OF TRAINING PRESENTED TO

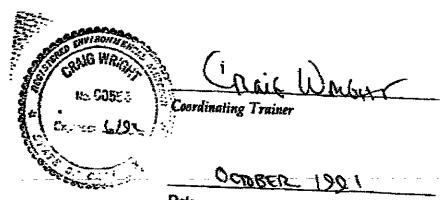
# Keith Jay

# FOR HAVING SUCCESSFULLY COMPLETED A TRAINING COURSE IN

48 HOURS OF HAZARDOUS MATERIALS MANAGEMENT.. 29 CFR 1910.120

PRESENTED BY

### COVENANT ENVIRONMENTAL



Date

# CERTIFICATE OF TRAINING PRESENTED TO

# Roberto Hernandez

# FOR HAVING SUCCESSFULLY COMPLETED A TRAINING COURSE IN

8 HOUR OSHA REFRESHER..29 CFR 1910.120

PRESENTED BY

COVENANT ENVIRONMENTAL

Coordinating Trainer

January 1992

Dete

# CERTIFICATE OF TRAINING PRESENTED TO

### Gilberto Revolcaba

# FOR HAVING SUCCESSFULLY COMPLETED A TRAINING COURSE IN

8 HOUR OSHA REFRESHER. . 29 CFR 1910. 120

PRESENTED BY

### COVENANT ENVIRONMENTAL

Coordinating Trainer

199 manuel

Date

# CERTIFICATE OF TRAINING PRESENTED TO

# Jim Tracy

# FOR HAVING SUCCESSFULLY COMPLETED A TRAINING COURSE IN

B HOUR OSHA REFRESHER. . 29 CFR 1910.120

PRESENTED BY

COVENANT ENVIRONMENTAL

Coordinating Trainer

Date January 1902

### State of California

# Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

### BAY AREA TANK REMOVAL



to engage in the business or act in the capacity of a contractor in the following classification(s):

### A - General Engineering Contractor

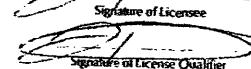


Witness my hand and seal this day,

March 28, 1991

Issued March 26, 1991





This Secrete is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when supported to the respondent to the respondent of the

616521 License Number

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Z Q STATE OF CAUTOMA

STATE AND CONSUMER SHIPICES ASSESS CONTRACTORS STATE LICENSE BOARD

**CUSTILIS** 

### Building Quality



# HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Scotion 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully complained the hazardous substances removal and remedial actions examination.



Qualifier James Francis Tracy

License No. 616521

Namestyle: Bay Ares Tank Removal

WITNESs now hand and official sed this 151% day of Hey, 1991

Down R P. R. Regin Brown of Contractors

SI SE . \* NE.

This tertification is the property of the Registers of Contractors, is not transferable, and shall be returned to the Register upon demand when suspended, nevoted, or are similated for any reason.

17. SITE HEALTH AND SAFETY PLAN A site specific Health and Safety plan must be submitted. advocate the site health and safety plan include the following a) The name and responsibilities of the site health and safety b) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical c) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards; d) Frequency and types of air and personnel monitoring to be used - along with the environmental sampling techniques and instrumentation. Include instrumentation maintenance and calibration methods and frequencies; e) Specific personal protective equipment and procedures to be used by workers to protect themselves from the identified hazards. Also state the contaminant concentrations in air or other conditions - which will trigger changes in work or work habits to ensure workers are not exposed to high levels of hazardous chemicals or to other unsafe conditions; f) Confined space entry procedures (if applicable); g) Decontamination procedures; . h) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, security guards, etc.); i) Spill containment and emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site: j) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and k) Page for employees to sign indicating they have read and will comply with the site health and safety plan. The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times. - 8 rev 12/90

NOTE: These requirements are excerpts from 29 CFR Part 1910.120, Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule. 19. PLOT PLAN The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information: a) Scale; b) North Arrow; c) Property Lines; d) Location of all Structures; e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers; f) Streets; g) Underground conduits, sewers, water lines, utilities; h) Existing wells (drinking, monitoring, etc.); i) Depth to ground water; and j) All existing tanks and piping in addition to the ones being pulled. 20. DEPOSIT A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans. 21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421. 22. TANK CLOSURE REPORT The tank closure report should contain the following information: a) General description of the closure activities; b) Description of tank, fittings and piping conditions. cate tank size and former contents; note any corrosion, pitting, holes, etc.; - 9 rev 12/90

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all nonmanifested contaminated soil hauled offsite.

TABLE #2

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR

UNDERGROUND TANK LEAKS

	UNDERGROUND TANK LEA	K8
HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030)
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA	DWALE 00270 (2020)
	TEL DHS-LUFT EDB DHS-AB1803	TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
hlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
on-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	BTY&F 602 am 624
aste and Used Oil or Unknown all analyses must be ompleted and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F	TPH G GCFID(5030) TPH D GCFID(3510
	BTX&E 8020 or 8240	O & G 5520 C & F BTX&E 602, 624 or 8260
	CL HC 8010 or 8240	CL HC 601 or 624
	PCB* PCP* PNA	TALS: Cd, Cr, Pb, Zn, Ni WATER TO DETECT: PCB PCP PNA
If found one were	CREOSOTE	CREOSOTE

<sup>\*</sup> If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites,

### EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

- 1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
- 2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
- 3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
- 4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
- 5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
- 6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
- 7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
- 8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
- 9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

TPH G	BOIL PPM	WATER PPB
<del>-</del>	1.0	50.0
TPH D	1.0	50.0
BTXLE	0.005	0.5
O & G	50.0	5,000.0

Regional Board Staff Recommendations Preliminary Site Investigation

10 August 1990

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE		MODI	FIED	PROTOCOL
<pre>≤ 10 ppm ( ≤ 5 ppm ( ≤ 1 ppm (</pre>	19%)	≤ 5	ppm	(10%) (21%) (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- 10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- 11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature:

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

### EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

Regional Board Staff Recommendations Preliminary Site Investigation

10 August 1990

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

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

Here note change made on judy

UNDERGROUND TANK CLOSURE PLAN
\* \* \* Complete according to attached instructions \* \* \*

1.	Business Name RIX INDUSTRIES		····		
	Business Owner MR. BERT OTTERSON				
2.	Site Address 6460 HOLLIS STREET				
	City EMERYVILLE	Zip 94710	Phone	(510) 84	45-0211
3.	Mailing Address 6460 HOLLIS STREET				
	City EMERYVILLE	Zip 94710	Phone	(510)	845-0211
4.	Land Owner FRANK De WOLF				
	Address 75-5870 KAHAKAI RD, KAILUA KON	A State HAWAI	II	Zip	96740
5.	Generator name under which tank wi				
-				<del> </del>	
3	EPA I.D. No. under which tank will	be manifested	CAC	0006	55720

6. Contractor BAY AREA TANK REMOVAL/HAGEMAN AGUIAR, INC.
Address 3732 MT. DIABLO BLVD.
City LAFAYETTE, CA Phone (510) 284-1661
License Type A ID# 594866
7. Consultant <u>HAGEMAN-AGUIAR, INC.</u>
Address 3732 MT. DIABLO BLVD. SUITE 372
City LAFAYETTE, CA Phone (510) 284-1661
8. Contact Person for Investigation  Name BRUCE HAGEMAN Title PRESIDENT  Phone (510) 284-1661
9. Number of tanks being closed under this plan
Length of piping being removed under this plan 150' estimated
Total number of tanks at facility
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 WASTE OIL RECOVERY SYSTEMS EPA I.D. No. CAD 000626515
Hauler License No License Exp. Date
Address 6401 LEONA STREET
City OAKLAND State CA Zip 94605
b) Product/Residual Sludge/Rinsate Disposal Site
Name DEMENNO-KERDOON EPA I.D. No. CADOO0626515
Address
City LONG BEACH State CA Zip

<ul><li>c) Tank and Piping Transporter</li></ul>	
Name ERICKSON INC.	_ EPA I.D. No. CAD 009466392
Hauler License No. <u>019</u>	
Address255 PARR BLVD.	
City RICHMOND S	tate CA Zip 94801
d) Tank and Piping Disposal Site?  Name LMC METALS Enclose  Address 600 south 4th. Street	EPA I.D. No. CAD 9466392
City RICHMOND st	CA . 0/20/
50	tate Zip
11. Experienced Sample Collector	,
Name KEITH JAY - ENVIRONMENTAL CHEMIST	
Company HAGEMAN-AGUIAR, INC.	
Address 3732 MT. DIABLO BLVD. SUITE 372	
City <u>LAFAYETTE</u> State <u>CA</u> Zi	
12. Laboratory	
NameCHROMOLAB	
Address 2239 OMEGA ROAD # 1	
CitySAN RAMONState _	CA Zin 94583
State Certification No E694	
13. Have tanks or pipes leaked in the past?  If yes, describe. THERE IS NO HISTORY ON TH	

14. Describe methods to be used for rendering tank inert

DRY ICE WILL BE PLACED IN TANKS APPROXIMATELY 2 HOURS PRIOR TO

REMOVING THEM FROM THE EXCAVATION (15 LBS. PER 100 GALLONS CAPACITY )

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		
Capacity	Use History (see instructions)	be sampled (tank contents, soil, ground- water, etc.)	Location and Depth of Samples	
STORAG THE BU	IS NO HISTORY AVAILABLE ON KNOWLEDGE RIX INDUSTRIES HE TANKS. IT IS BELIEVED THE LIDING PRIOR TO RIX. THE PALS USED IN THE MFG. OF PA	AS NEVER USED THE UNDER AT A PAINT MFG. PLANT O	1	

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
Stockpiled Soil Volume (Estimated)	Sampling Plan
NO ESTIMATE ( SEE COVER LETTER)	ONE SOIL SAMPLE WILL TAKEN FOR EVERY TWENTY CU. YRE OF SOIL STOCKPILED.

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

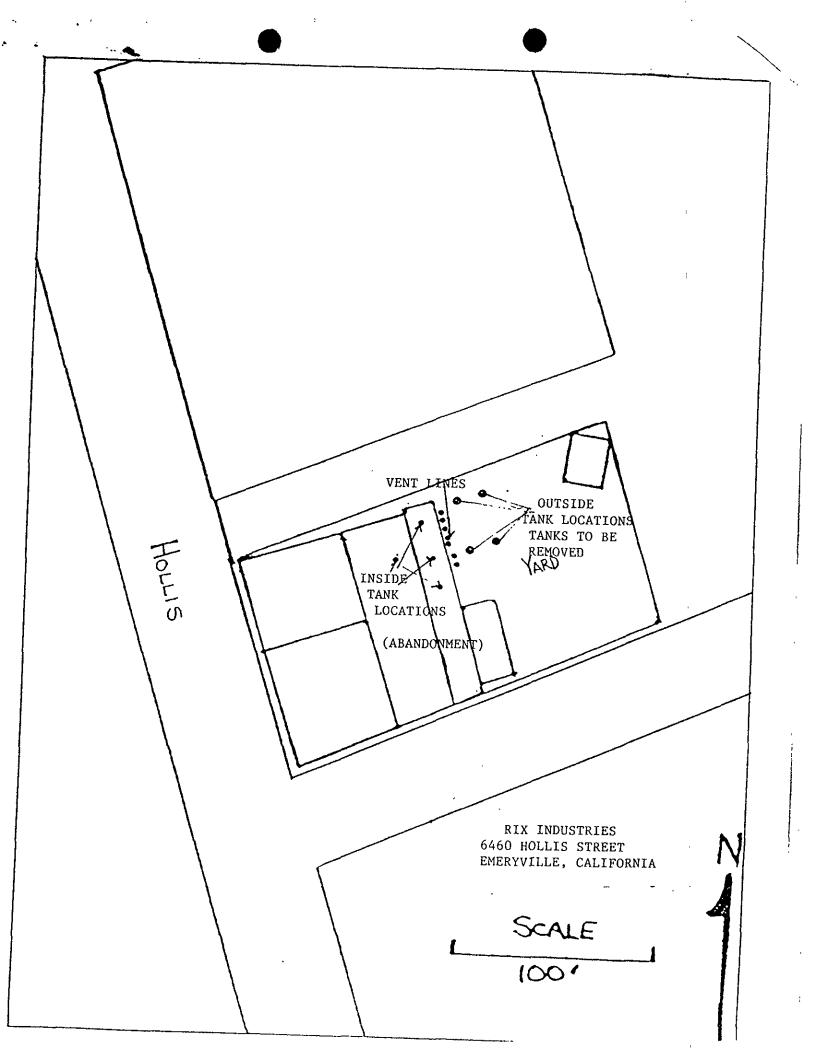
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

		7	
Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
UNKNOWN	8240/8020 8260/ICAP TO DETECT META 8270 -PCB PCP PNA CREOSOTE	LS	
TPHQ	<i>5</i> 030	GCFID	
TPHO	3550	GCFID	
0 g G		5530 DEF	
BTXGE	8020 n 8240		
Cl HC	\$ 10 00 8240		
Impetale			
Cd, Cr, Pb	AA on leap		
PCB, PCP	*		
PNA, Oreasate		,	

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

18. Submit Worker's compensation Certificate copy
Name of Insurer STATE FUND INSURANCE
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) <u>HACEMAN AGUIAR, INC.</u>
Signature France
Date11-19-91
Signature of Site Owner or Operator
Name (please type) FRANK DeWOLF by MILES BENEDICT, AGENT-FOR MR. De WOLF
Vsignature

Date



## RIX INDUSTRIES EMERYVILLE, CA UNDERGROUND STORAGE TANK PROJECT

TANK

### TANK CONTENTS

A	CHLORINATED SOLVENTS
В	NO SAMPLE - TANK EMPTY
C	11 11 11
D	** ** **
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G	ETHYL SILICATE REMOTE FILL
H	ISOPROPAL ALCOHOL
-{ <b>I</b>	BUTYL ALCOHOL REMOTE FILL
J	METHYL ETHYL KETONE (MEK)
ĸ	ETHYL SILICATE TANK EMPTY
L	BUTYL ALCOHOL TANK EMPTY

### OUTSIDE

10 -UNDERGROUND TANKS
5- INSIDE BLOG.
5- OUTSIDE BLOG.
8- 43" DIA - 350 616

2 - 96° DA 1000 - 10,000 61

OH 10 OR OH XO

INSIDE TANKS. BACK AREA

RIX

401115

### OUTSIDE

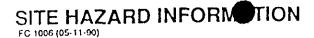
KtX

401115

### SITE HAZARD INFORMATION

\*PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE SITE

Owners Name: FRANK De WOLF Site Address: 6460 HOLLIS STREET EMERYVILLE, CA Directions to Site: Hwy 80 to Powell Stree Exit, Right on Powell to Hollis Street Trun left on Hollis to 6460, Right side of Hollis Street. Bruce Hageman & Gary Aguiar Consultant On Site: Phone Number: (510) 284-1661 Site Salety Officer. Gary Aguiar Phone Number: 510 ) 284-1661 MACHINE AND MANUFACTURING Type of Facility: Site Activities: X Drilling ☐ Construction ▼ Tank Excavation ☐ Soil Excavation Work in Traffic Ar ☐ Groundwater Extraction ☐ Vapor Extraction ☐ In Situ Remediation ☐ Above Ground Remediation Other: Hazardous Substance Name (CAS#) **Expected Concentration** Health Affects X Soil ☑ Water ☑ Air Total Petroleum Hydrocarbons expect no free product <u>dizziness, eve irritation</u> headache, nose & throat irri Physical Hazards ☐ Noise ☐ Excavations/Trenches ☐ Traffic Other\_ ☑ Underground Hazards Overhead Hazards Potential Explosion and Fire Hazards (Flammable Range = 1% to 10% Gas Vapor): LEL meter to be used continously on site Level Of Protection Equipment □в KI C Øο See Personal Protective Equipment Personal Protective Equipment Required As Needed Hard Hat R Safety Eyewear (Type) SAFETY GLASSES R Respirator (Type) HALF FACE MINIMUM Safety Boots Filter (Type) \_\_\_\_\_CARBON ( ORGANIC VAPOR) Orange Vest R Hearing Protection Gloves (Type) RUBBER Tyvek Coveralls 5 Minute Escape Respirator



Monitoring	Equipment	on Site
------------	-----------	---------

The Market State of the Contract of the Contra

☐ Organic Vapor Analyzer ☐ PID with lamp ofeV   ☐ Oxygen Meter ☐ Draeger Tube
Site Control Measures <u>EQUIPMENT STEAMED CLEANED ON SITE, RINSATE STORED IN DOT 17H DRUMS</u> GLOVE, TYVEK SUIT, SPENT CARTRIDGES, TO BE DISPOSED OF WITH DRILL CUTTINGS.
PERSONNEL TO WASH WITH SOAP AND WATER PRIOR TO EATING AND/OR LEAVING SITE.
And the second of the second o
Decontamination Procedures
Hospital Address 280 WEST MacARTHUR BLVD.OAKLAND
Paramedic 911 Fire Dept. 911 Police Dept. 911
Emergency/Contingency Plans & Procedures
Site Hazard Information Provided By:  Bruce Hageman  Print  Date: 12-27-91

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STATE OF STATE OF STATE OF THE

### State of California

# Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

### BAY AREA TANK REMOVAL



to engage in the business or act in the capacity of a contractor in the following classification(s):

A - General Engineering Contractor



Witness my hand and seal this day,

March 28, 1991

Issued March 26, 1991

David R Chillies
Registrar of Contractors

Signature of Licensee

Signalure of Excense Qualifier

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when supported, revoked, or resalidated for any reason. It becomes upon it remainded in any reason. It becomes

616521 ... License Number

1英-24-**2**217. 1499

Nº 290660

And the Controller of the Cont

STATE AND CONSUMER SHORES ASSESS CONTRACTORS STATE LICENSE BOARD

**Opsumer** 

Building Quality



# HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7053.7 of the Buildness and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully complisted the hazardous substances removal and remedial actions examination.



Qualifier James Francis Tracy

License No.: 616521

Namestyle: Bay Ares Tank Removal

15th deed Hey, 1991

Bows R RELLER

132 36 ( 38)

This pertabution is the property of the Register of Contractors, is not presented and shall be returned to the Register upon demand when suspended, perceived, or presidented for any reason.

FED-27-182 THE 1019 DIMASON MODUFFIE COMML TEL NO:415 6-0958

18 Aubmit Worker's Compensation Certificate copy

Name of Insurer \_ STATE FUND INSURANCE

- 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.

#445 PG2

22. Submit a closure report to this office within 50 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 Masardous Naterials Specialist at least three working days in advance of site work to schedule the required

Signature of Contractor

	Name (please type) HAGEMAN ACULAR INC.
	Signature former
	Date
9:	ignature of Site Owner or Operator
	Name (please type) FRANK DOWOLF by MILES HENEDICT, ACENT FOR MR. DO MELE
	signature Killos K. Penglut
	Date [] [9] A]

9.00

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MAR- 2-92 MON 17:02 AGUIAR ENGINEERING

P. 94

Emeryville Kire

6308 HOLLIS STREET, EMERYV

JIM EYRROLK AKSISTANT CHIEF/PIRK MARSHAL (415) 456-7478

Jin Digue Assistant Chief /Training Division (415)-653-8165



TELEPHONE: 396-3750 596-3750 FAX: 420-1785

> FRANK ALHINO FIRE MARSHAL

6303 HOLLIS STREET EMERYVILLE, CA 94808

ユーート・ファ

to: Susan Hugo,

the Emonyville fine Dept.

is in full compliance to fell plan
the inside tanks in place

-thullan



EMERYVILLE PIRE DEPARTMENT, MRE PREVENTION EUREAU 4 MALHOLLIS STREET CHESTOTILE, CA 94408 CITY OF EMERYVILLE, FIRE CODE PERMIT PERMISSION IS HEREBY GRANTED. OPERATE ON PREMISES LOCATED AT\_ PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTION \_\_\_\_ ADDITION REQUIREMENTS\_ ENG. CO. DISTRICT # EXPIRATION DATE: PERMIT ASPROVED BY THIS PERMIT MUST BE POSTED WITH BUSINESS

and the second second

CONTRACTOR STATE

LICENSE

17. SITE HEALTH AND SAFETY PLAN A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum: a) The name and responsibilities of the site health and safety officer: b) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards; c) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards; d) Frequency and types of air and personnel monitoring to be used - along with the environmental sampling techniques and instrumentation. Include instrumentation maintenance and calibration methods and frequencies; e) Specific personal protective equipment and procedures to be used by workers to protect themselves from the identified hazards. Also state the contaminant concentrations in air or other conditions - which will trigger changes in work or work habits to ensure workers are not exposed to high levels of hazardous chemicals or to other unsafe conditions; f) Confined space entry procedures (if applicable); g) Decontamination procedures; h) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, security guards, etc.); i) Spill containment and emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site: j) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and k) Page for employees to sign indicating they have read and will comply with the site health and safety plan. The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times. - 8 rev 12/90

NOTE: These requirements are excerpts from 29 CFR Part 1910.120, Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule. 19. PLOT PLAN The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information: a) Scale; b) North Arrow; c) Property Lines; d) Location of all Structures; e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers; f) Streets; g) Underground conduits, sewers, water lines, utilities; h) Existing wells (drinking, monitoring, etc.); i) Depth to ground water; and j) All existing tanks and piping in addition to the ones being pulled. 20. DEPOSIT A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans. 21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421. 22. TANK CLOSURE REPORT The tank closure report should contain the following information: a) General description of the closure activities; b) Description of tank, fittings and piping conditions. cate tank size and former contents; note any corrosion, pitting, holes, etc.; - 9 rev 12/90

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

TABLE #2

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR

UNDERGROUND TANK LEAKS

		<u>-</u>
HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AAOptional	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA
	TEL DHS-LUFT EDB DHS-AB1803	TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
laste and Used Oil or Unknown All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240	TPH G GCFID(5030) TPH D GCFID(3510  O & G 5520 C & F BTX&E 602, 624 or
	CL HC 8010 or 8240	8260 CL HC 601 or 624
	ICAP or AA TO DETECT MET METHOD 8270 FOR SOIL OR PCB* PCP* PNA CREOSOTE	'ALS: Cd. Cr. Ph. Zn. Ni

<sup>\*</sup> If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

#### EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

- 1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
- 2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
- 3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
- 4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
- 5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
- 6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
- 7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
- 8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
- 9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	SOIL PPM	WATER PPB
TPH G	1.0	50.0
TPH D	1.0	50.0
BTXLE	0.005	0.5
O&G	50.0	5,000.0

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

F	ROUTINE		MODIFIED	PROTOCOL
<u> </u>	10 ppm 5 ppm 1 ppm	ı (19%)	<pre>≤ 10 ppm ≤ 5 ppm ≤ 1 ppm</pre>	(21%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- 10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- 11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

#### **EPILOGUE**

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

Regional Board Staff Recommendations Preliminary Site Investigation

10 August 1990

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

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

UNDERGROUND TANK CLOSURE PLAN Complete according to attached instructions \*

1. Bu	usiness Name <u>RIX INDUSTRIES</u>			,
Вι	usiness Owner <u>MR. BERT OTTERSON</u>			
2. Si	ite Address <u>6460 HOLLIS STREET</u>			
C	City EMERYVILLE	Zip <u>94710</u>	Phone (51	0) 845-0211
3. Ma	iling Address 6460 HOLLIS STREET			
С	ity <u>EMERYVILLE</u>	Zip 94710	Phone(	510) 845-021
4. La:	nd Owner FRANK De WOLF			
A	HALE KONA KAI  ddress 75-5870 KAHAKAI RD, KAILUA KON	Aty, State HAWAI	LI	Zip96740
5. Ger	nerator name under which tank wi	ll be manifest	ted <u>FRANK</u>	De WOLF
				_
EPA	A I.D. No. under which tank will	be manifested	CAC OC	00655720
	- 1 -			•

6. Contractor BAY AREA TANK REMOVAL/HAGEMAN AGUIAR, INC.
Address 3732 MT. DIABLO BLVD.
City LAFAYETTE, CA Phone (510) 284-1661
License Type A ID#594866
7. Consultant HAGEMAN-AGUIAR, INC.
Address3732 MT. DIABLO BLVD. SUITE 372
City LAFAYETTE, CA Phone (510) 284-1661
8. Contact Person for Investigation
Name BRUCE HAGEMAN Title PRESIDENT
Phone (510) 284-1661
9. Number of tanks being closed under this plan
Length of piping being removed under this plan 150' estimated
Total number of tanks at facility
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 WASTE OIL RECOVERY SYSTEMS EPA I.D. No. CAD 000626515
Hauler License No License Exp. Date
Address 6401 LEONA STREET
City OAKLAND State CA Zip 94605
b) Product/Residual Sludge/Rinsate Disposal Site
Name DEMENNO-KERDOON EPA I.D. No. CADOO0626515
Address
City LONG BEACH State CA Zip

c) Tank and Piping Transporter	
Name ERICKSON INC. EPA I.D. No. CAD	009466392
Hauler License No. 019 License Exp. Dat	
Address 255 PARR BLVD.	е
	***************************************
City RICHMOND State CA Zip 94	801
d) Tank and Piping Disposal Site ?  Name	9466392
Address 600 south 4th. Street	
City RICHMOND State CA Zip 948	04
11. Experienced Sample Collector  Name KEITH JAY - ENVIRONMENTAL CHEMIST	
Company HAGEMAN-AGUIAR, INC.	
Address 3732 MT. DIABLO BLVD. SUITE 372	
City LAFAYETTE State CA Zip 94549 Phone (51	10) 284-1661
12. Laboratory	
Name CHROMOLAB	
Address 2239 OMEGA ROAD # 1	<del></del>
City SAN RAMON State CA Zip 9458	3
State Certification No. E694	
3. Have tanks or pipes leaked in the past? Yes [ ] No [ ]  If yes, describe. THERE IS NO HISTORY ON THESE TANKS	
	<del>-</del>

DRY ICE WILL BE PLACED IN TANKS APPROXIMATELY 2 HOURS PRIOR TO

REMOVING THEM FROM THE EXCAVATION (15 LBS. PER 100 GALLONS CAPACITY )

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

Та	nk	Material to	
Capacity	Use History (see instructions)	be sampled (tank contents, soil, ground- water, etc.)	Location and Depth of Samples
STORAG THE BU	IS NO HISTORY AVAILABLE ON KNOWLEDGE RIX INDUSTRIES HE TANKS. IT IS BELIEVED THE FILDING PRIOR TO RIX. THE PRAIS USED IN THE MFG. OF PA	AS NEVER USED THE UNDER AT A PAINT MFG. PLANT O	00000

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
Stockpiled Soil Volume (Estimated)	Sampling Plan
NO ESTIMATE ( SEE COVER LETTER)	ONE SOIL SAMPLE WILL TAKEN FOR EVERY TWENTY CU. YR OF SOIL STOCKPILED.

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

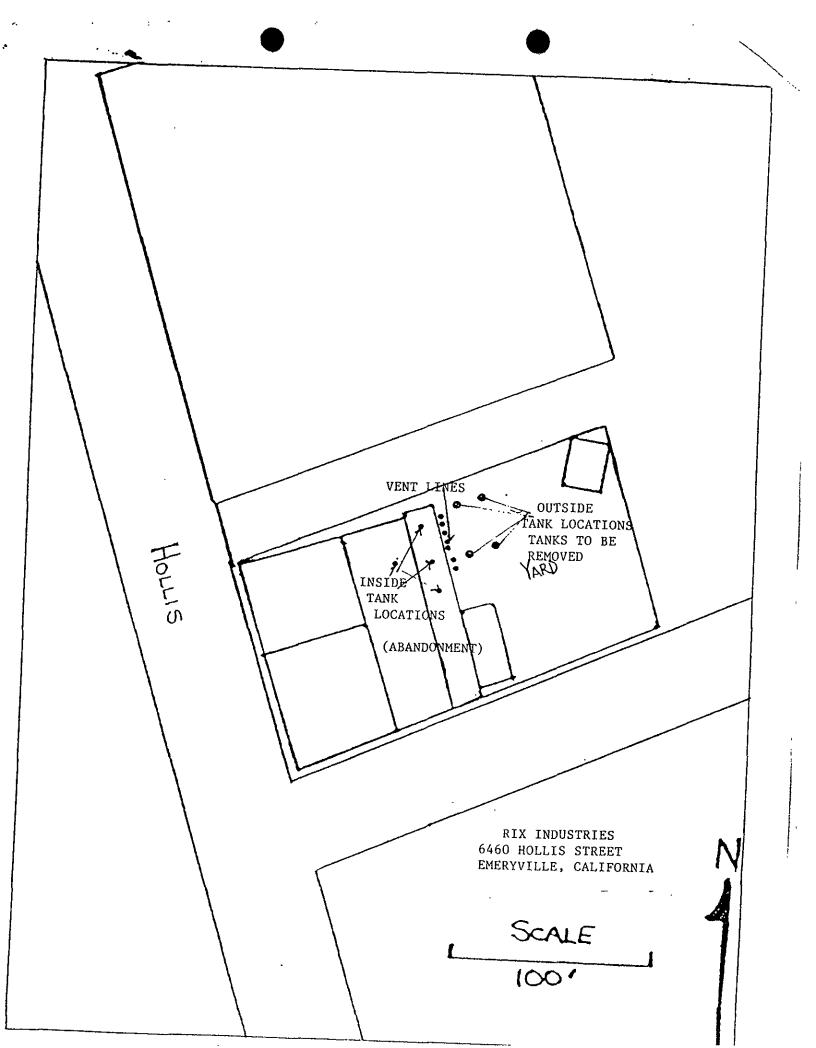
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
UNKNOWN .	8240/8020 8260/ICAP TO DETECT META 8270 -PCB PCP PNA CREOSOTE	<b>.</b> S	
TPHy	5030	GCFID-	-1.0 Kgm (sail)
TPHO	3550	GeFID-	- 1.0 ppm (soil) - 1.0 ppm (soil) -50 ppm (soil
0 & G		55-20 DEF_	-17
BIXEE	8020 18240		50 ppm (sur
ce HC	8020 1240 8010 DR 8240		Typo (sail)
meetale			
ed, a, Pb	AA or deap		
PCB, PCP			
PNA, Cressite		· · · · · · · · · · · · · · · · · · ·	

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

18. Submit Worker's compensation Certificate copy
Name of Insurer _ STATE FUND INSURANCE
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) <u>HAGEMAN-AGUIAR, INC.</u>
Name (please type) HAGEMAN-AGUIAR, INC.  Signature Type Turnur
Date11-19-91
Signature of Site Owner or Operator
Name (please type) FRANK DeWOLF by MILES BENEDICT, AGENT FOR MR. De WOLF
Signature

Date

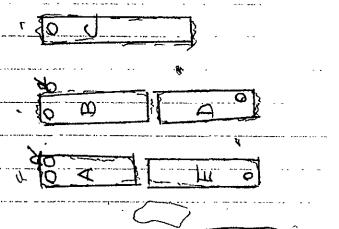


## RIX INDUSTRIES EMERYVILLE, CA UNDERGROUND STORAGE TANK PROJECT

#### TANK CONTENTS

TANK A	CHLORINATED SOLVENTS	
В	NO SAMPLE - TANK EMPTY	
C	10 01 10 11	
D	89 98 99 EF	
E	MOSTLY WATER	
F	SECONDARY BUTYRAL ALCOHOL	
G	ETHYL SILICATE REMOTE FILL	١
н	ISOPROPAL ALCOHOL	
I	BUTYL ALCOHOL REMOTE FILL	
J	METHYL ETHYL KETONE (MEK)	
ĸ	ETHYL SILICATE TANK EMPTY	
L	BUTYL ALCOHOL TANK EMPTY	

## OUTSIDE

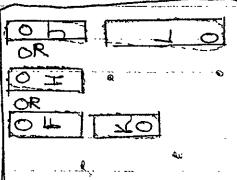


10 - HNDERGROUND TANK

5- INSIDE BLAG

5 - OUTSIDE BLAG.

8-43" DA - 350 616 10 550 616 2 - 96" DA 1000 - 10,000 61



INSIDE TANKS.
BACK ARBA

KIX

OUTSIDE

OB PAD

10 -UNDERGROUND TANK

5- INSIDE BLDG

5 - OUTSIDE BLOO

8-43" DA - 35061C

2 - 96° DIA 1000 - 10,000 610

JUSIDE TANKS

BACK AREA

RIX

401115

#### SITE HAZARD INFORMATION

\*PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE SITE Owners Name: FRANK De WOLF 6460 HOLLIS STREET Site Address: EMERYVILLE, CA Directions to Site: Hwy 80 to Powell Stree Exit, Right on Powell to Hollis Street Trun left on Hollis to 6460, Right side of Hollis Street. Bruce Hageman & Gary Agular Consultant On Site: Phone Number: (510) 284-1661 Site Salety Officer: Gary Agular Phone Number: 510 / 284-1661 Type of Facility: MACHINE AND MANUFACTURING Site Activities: X Drilling Construction ▼ Tank Excavation Soil Excavation Work in Traffic Ar ☐ Groundwater Extraction In Situ Remediation Above Ground Remediation Other: Hazardous Substance Name (CAS#) **Expected Concentration** Health Affects Soil. Water Air Total Petroleum Hydrocarbons expect no free product dizziness, eye irritation headache, nose & throat irri Physical Hazards ☐ Noise ☐ Excavations/Trenchès ☐ Traffic ☐ Other \_ ☑ Underground Hazards Overhead Hazards Potential Explosion and Fire Hazards (Flammable Range = 1% to 10% Gas Vapor): \_\_\_\_ LEL meter to be used continously on site Level Of Protection Equipment **⊠**C **⊠** D ☐ See Personal Protective Equipment Personal Protective Equipment Required As Needed Hard Hat Safety Eyewear (Type) SAFETY GLASSES Respirator (Type) HALF FACE MINIMUM Safety Boots CARBON ( ORGANIC VAPOR) Orange Vest Filter (Type) \_\_\_\_\_ R Hearing Protection Gloves (Type) \_\_\_RUBBER R Tyvek Coveralls 5 Minute Escape Respirator

### SITE HAZARD INFORMATION

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Monitoring Equipment on Site PID with lamp of . Organic Vapor Analyzer Draeger Tube Oxygen Meter П Passive Dosimeter Combustible Gas Meter X Air Sampling Pump H<sub>2</sub>S Meter  $\Box$ Filter Media ☐ W.B.G.T. Site Control Measures EQUIPMENT STEAMED CLEANED ON SITE, RINSATE STORED IN DOT 17H DRUMS GLOVE, TYVEK-SUIT, SPENT CARTRIDGES, TO BE DISPOSED OF WITH DRILL CUTTINGS. PERSONNEL TO WASH WITH SOAP AND WATER PRIOR TO EATING AND/OR LEAVING SITE. Decontamination Procedures Phone (519 596-7600 imply this Hospital/Clinic \_\_KAISER\_HOSPITAL Hospital Address 280 WEST MacARTHUR BLVD.OAKLAND 911 Police Dept. 911 \_\_\_\_ Fire Dept. \_\_ Paramedic \_ Emergency/Contingency Plans & Procedures . Phone Number: (510) Site Hazard Information Provided By:

/Signature

..... L

12-27-91

## State of California

# Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

#### BAY AREA TANK REMOVAL



Signature of Licensee

Fe of Exense Qualifier

to engage in the business or act in the capacity of a contractor in the following classification(s):

A - General Engineering Contractor



Witness my hand and seal this day,

March 28, 1991

Issued March 26, 1991

David R Chillips

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or evalidated by any main. It becomes would disnot appearable.

616521 ... License Number STATE OF CAMPONIA

STATE AND CONSUMER SERVICES ASSESS. CONTRACTORS STATE LICENSE BOARD

Charina

Building Quality



# HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully companied the hazardous substances removal and remedial actions examination.



Qualifier James Francis Tracy

License No. 616521

Namestyle: Bay Ares Tauk Removal

15th deed Hay, 1991

Bend R PLILLE

15L 36 (7-88)

This perishance is the property of the Register of Contractors, is not transferable, and shall be returned to the Register upon demand when suspended, revolved, or mealthired for any reason

A3878

Name of Insurer \_ STATE FUND INSURANCE

- 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.
- 22. Submit a closure report to this office within so 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 abtained.

I understand that all work performed during this project will be done in compliance with all applicable OSKA (Occupational Safety and Moslth 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 Alameds.

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

Signature of Contractor

Hame (please type)
Signature Character Charac
Date
IDEQUEE OF BIRD OWNER ON BUILDING

signature of Site Owner or Operator

Name (please type)	FRANK DOWOLF by MILES HER	MEDICT, ACENT FOR MR. OF WILF
<b>A</b> . N L .	los K.F. enerlyt	in the same of the
DEE 11/10/41		the state of the s
and the same of th		

4 ųų, ε. Emeryville Fire

6308 HOLLIS STREET, EMERYV

JIN EYERSOLE ASSISTANT CHIEF/FIRE MARSHAL (4)5) 455-7576

Jim Dicus Assistant Chief /Training Division (415)-859-9185



TELEPHONE: 396-2759 596-3750 FAX: 420-1783

Fire Marshal

6303 Hollis Street Emrryville. Ca 94606

2-21-72-

to: Susan Hugo,

the Emonyville fine Dept.

is in full compliance to fell plan
the inside tanker in place

- Heal Gow Fordell allem



the Bridge of	MAN PRIVATION ENGLAND
· 大學(2016年) - 1917年(1917年)	 POLIS STREET
	FIRE CODE PERMIT NO 1268
	PERMISSION IS HEREBY GRANTED RIX TAIS HORRING AGUIAN
	TO HAMMATIN 5-U.S. T.LS
	ON PREMISES LOCATED AT 6460 Hollie St.
	PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE
	WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTIONOF SAID CODE.
	ADDITION REQUIREMENTS
	ENG. CO. DISTRICT # 2 EXPIRATION DATE: 4/30/92
	THIS PERMIT MUST BE PERMIT ASPROVED BY POSTED WITH BUSINESS