ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

F

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

January 31, 2007

Mr. Andrew Getz
HFH LTD.
8844 Sepulveda Boulevard
Los Angeles, CA 90045-810

Subject: Fuel Leak Case No. RO0000050, Thoroughbred Building, 1397 55th Street, Emeryville, CA 94608 – Work Plan Approval

Dear Mr. Getz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Work Plan for Groundwater Investigation," dated January 18, 2007 and submitted on your behalf by Geomatrix Consultants Inc. The scope of work in the Work Plan proposes the installation of two soil borings, one immediately downgradient of the site and one in the footprint of the former Underground Storage Tank (UST). ACEH generally agrees with the proposed scope of work as stated in the Work Plan, provided the following technical comments are addressed prior to the implementation of the Work Plan.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Soil Boring Locations and Soil Sampling.** At present, no offsite investigation has been conducted to determine extent of petroleum hydrocarbon impacts to soil and groundwater downgradient of the site. ACEH recommends the installation of two additional offsite soil borings, one approximately 20 feet northwest of GW-2 and one additional soil boring approximately 20 southeast of GW-2. These two additional soil-boring locations should help define the extent of soil and groundwater contamination throughout the site.

   In addition, no indication of soil sampling is mentioned in the Work Plan. During the soil boring installation, soil samples should be screened with a PID and examined for visible staining and hydrocarbon odor. Any interval where staining, odor, or elevated PID readings occur a soil sample is to be collected and submitted for laboratory analysis. If no staining, odor, or elevated PID readings are observed, soil sample are to be collected from each boring at the capillary fringe, where groundwater is first encountered, changes in lithology, and at the total depth of the boring.

   All soil samples collected during the investigation are to be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from the soil sampling in the Soil and Groundwater Investigation Report requested below.

2. **Groundwater Sampling and Analysis.** All groundwater samples collected during the investigation are to be analyzed for TPHg, TPHd and TPHk by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from the soil and groundwater sampling in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **March 31, 2007** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail. Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website.

Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at steven.plunkett@acgov.org

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Jennifer Patterson
Geomatrix Consultants Inc.
2101 Webster Street, 12th Floor
Oakland, Ca 94612-3066

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES
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DAVID J. KEARS, Agency Director

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

January 19, 2007

Mr. Andrew Getz
HFH LTD.
8844 Sepulveda Boulevard
Los Angeles, CA 90045-810

Subject: Fuel Leak Case No. RO0000050, Thoroughbred Building, 1397 55th Street, Emeryville, CA 94608

Dear Mr. Getz:

Alameda County Environmental Health (ACEH) issued a directive letter to you for the above referenced site on September 27, 2006 (attached). In this correspondence we requested that you prepare a work plan detailing your proposal to define the extent of possible soil and groundwater contamination at your site. On October 30, 2006 Geomatrix Consultants Inc. requested an extension for the work plan submission to November 30, 2006, The extension was granted was by ACEH on October 31, 2006. In addition, we requested that all documents, including the request for extension and Work Plan be submitted electronically to the ACEH ftp site.

Your Work Plan is now late, and your fuel leak site is not in compliance with directives from ACEH. In order for your site to return to compliance, please submit the previously requested Work Plan for Site Assessment **by February 1, 2007**. This date is not an extension of your due date, reports for this site are late and your site is out of compliance. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR sections 2652 through 2654, and 2721 through 2728 outline the duties of a responsible party in response to a reportable unauthorized release from a petroleum UST system, and require your compliance with this request.

If it appears as though significant delays are occurring, or reports are not submitted as requested, we will consider referring your case to the County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation. Please note that further delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive cost reimbursement from the State's Underground Storage Tank Cleanup Fund.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County

Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at steven.plunkett@acgov.org

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

Attachment: ACEH Correspondence dated September 27, 2006

cc: Jennifer Patterson
Geomatrix Consultants Inc.
2101 Webster Street, 12th Floor
Oakland, Ca 94612-3066

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

SCM
9-29-06

ALAMEDA COUNTY
HEALTH CARE SERVICES
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1131 Harbor Bay Parkway, Suite 250
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September 27, 2006

Mr. Andrew Getz
HFH LTD.
8844 Sepulveda Boulevard
Los Angeles, CA 90045-810

Subject: Fuel Leak Case No. RO0000050, Thoroughbred Building, 1397 55th Street, Emeryville, CA 94608 – Request for Work Plan

Dear Mr. Getz:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site, including the report entitled, "Underground Storage Tank Removal Report," dated July 1997, prepared on your behalf by Geomatrix, Inc. The report summarizes results from the removal of one approximately 1000-gallon underground storage tank (UST). Elevated concentrations of total petroleum hydrocarbons as kerosene (TPHk) at up to 4,400 mg/kg were detected in soil samples collected from the UST excavation. Therefore, in the interest of moving your case through the regulatory process, ACEH request that you characterize the extent of the release in order to assess whether a significant impact has occurred to soil or groundwater at the site.

Please submit a work plan detailing your proposal to define the extent of possible soil and groundwater contamination **by October 31, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's authority under Section 13267 of the California Water Code. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **October 31, 2006** – Work Plan for Site Assessment

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

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activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at steven.plunkett@acgov.org

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site. If you have not already submitted a list of record fee title owners in response to the Notice of Responsibilty we require that you submit a complete mailing

list of all record fee title owners of the site by **October 31, 2006,** which states, at a minimum, the following:

> *A. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*
>
> *- OR -*
>
> *B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*
>
> *(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)*

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

> 1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
> 2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
> 3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
> 4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure.*
>
> Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:
>
> > *A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*
> > *___ cleanup proposal (Corrective Action Plan)*
> > *___ request for case closure*
> > *___ local agency intention to make a determination that no further action is required*
> > *___ local agency intention to issue a closure letter*
> >
> > *- OR -*
> >
> > *B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Elizabeth Wells
Geomatrix Consultants Inc.
2101 Webster Street, 12th Floor
Oakland, Ca 94612-3066

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

RO 50

Geomatrix

January 18, 2007

2007 JAN 19 PM 1:31

Mr. Steven Plunkett
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Work Plan for Groundwater Investigation
Fuel Leak Case No. RO0000050
Thoroughbred Building
1397 55th Street
Emeryville, California

Dear Mr. Plunkett:

At your request, Geomatrix Consultants, Inc. (Geomatrix), has prepared this work plan on behalf of HFH, Ltd. to conduct grab groundwater sampling activities in the vicinity of a former underground storage tank (UST) located at 1397 55th Street in Emeryville, California (the site). This work plan is in response to your Request for Work Plan letter, dated September 27, 2006. Based on our discussions with you, we have developed this work plan for groundwater investigation to address the concerns of ACEH.

BACKGROUND

The former UST was installed in the early 1940s and contained kerosene. Reportedly, the tank was last used in the late 1950s and was empty until its removal in 1997. During tank removal, multiple holes were observed on all sides of the tank. Under the direction of ACEH personnel, three soil samples were collected from beneath the former UST. At the request of ACEH, only two samples (EX-2 and EX-3) were analyzed. Total petroleum hydrocarbons quantified as kerosene (TPHk) was reported in excavation samples EX-2 and EX-3 at concentrations of 4400 and 310 milligrams per kilogram (mg/kg), respectively. Ethylbenzene and xylenes were detected in EX-2 and EX-3 at concentrations up to 5.6 mg/kg. Total petroleum hydrocarbons quantified as diesel, benzene, and toluene were not detected in either excavation sample above the laboratory reporting limits. After the soil samples were collected, groundwater entered the excavation at a depth of approximately 8.5 feet bgs. Less than 5 gallons of groundwater entered the excavation and no product or sheen was observed on the water. The former UST excavation was subsequently backfilled with approximately 20 cubic yards of sand. The sand was compacted and a concrete sidewalk was poured over the former UST area.

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
510.663.4100
510.663.4141
www.geomatrix.com

SCOPE OF WORK

Geomatrix proposes the collection of grab groundwater samples from two targeted locations in the vicinity of the former UST. Based on information from environmental reports of nearby sites, shallow groundwater occurs at approximately 5 feet bgs and generally flows to the southwest. One sampling location will be placed within the footprint of the former UST; the other sampling location will be placed downgradient of the former UST. Sampling locations are shown on the attached figure. An attempt will be made to collect grab groundwater samples from the first water encountered and from the second water zone (deeper) encountered. Based on the November 16, 2006 telephone conversation, Geomatrix and ACEH agreed that soil samples would not be collected as part of this investigation.

Prior to initiating subsurface investigation activities, Geomatrix will mark boring locations, obtain necessary permits, and prepare a site-specific health and safety plan. Geomatrix will notify Under-ground Service Alert (USA) 48 hours prior to drilling and will contract with a private utility locator to clear individual boring locations prior to drilling.

Borings will be advanced by a licensed drilling contractor using a hydraulic direct-push drilling rig equipped with a cone penetration testing (CPT) system. The CPT system logs soil types as the probe is advanced. At the depth of first water, a discrete depth sample will be collected by pumping groundwater from a sampling port at the desired depth through clean plastic tubing and into laboratory-supplied sample jars. The probe will then be advanced deeper to allow for the collection of a grab groundwater sample from the deeper water zone. A deeper groundwater zone has not been identified in the reports reviewed; however, an attempt will be made to identify a deeper water zone by observing the CPTs real-time data. All downhole equipment will be decontaminated between borings. All borings will be backfilled with cement grout to ground surface and finished to match existing grade.

Analytical testing of grab groundwater samples will be conducted by a state-certified analytical laboratory. The grab groundwater samples will be tested for TPHk. For quality assurance/quality control (QA/QC) purposes, we have assumed that one groundwater matrix spike/matrix spike duplicate (MS/MSD) sample and one blind duplicate sample will be collected.

No drill cuttings will be generated during the sampling event. Equipment decontamination water will be placed in a labeled container and stored at a location on site designated by HFH, Ltd. pending the results of chemical analyses. It is estimated that the groundwater investigation will take 1 day to complete.

Following our receipt of the analytical results, Geomatrix will evaluate the data. A report documenting the sampling activities, analytical results, and conclusions will be prepared upon receipt of the analytical data results and transmitted to ACEH.

Sincerely,
GEOMATRIX CONSULTANTS, INC.

Paisha Jorgensen, PG
Project Geologist

Jennifer Patterson, PE
Senior Engineer

PBJ/JP/jd
I:\Doc_Safe\3000s\3356\2000 CORRESP TASK NON ACTION\Thoroughbred Building WP_0107.doc

Attachment: Figure 1 – Proposed Grab Groundwater Sampling Locations

cc: Mr. Andrew Getz, HFH, Ltd.

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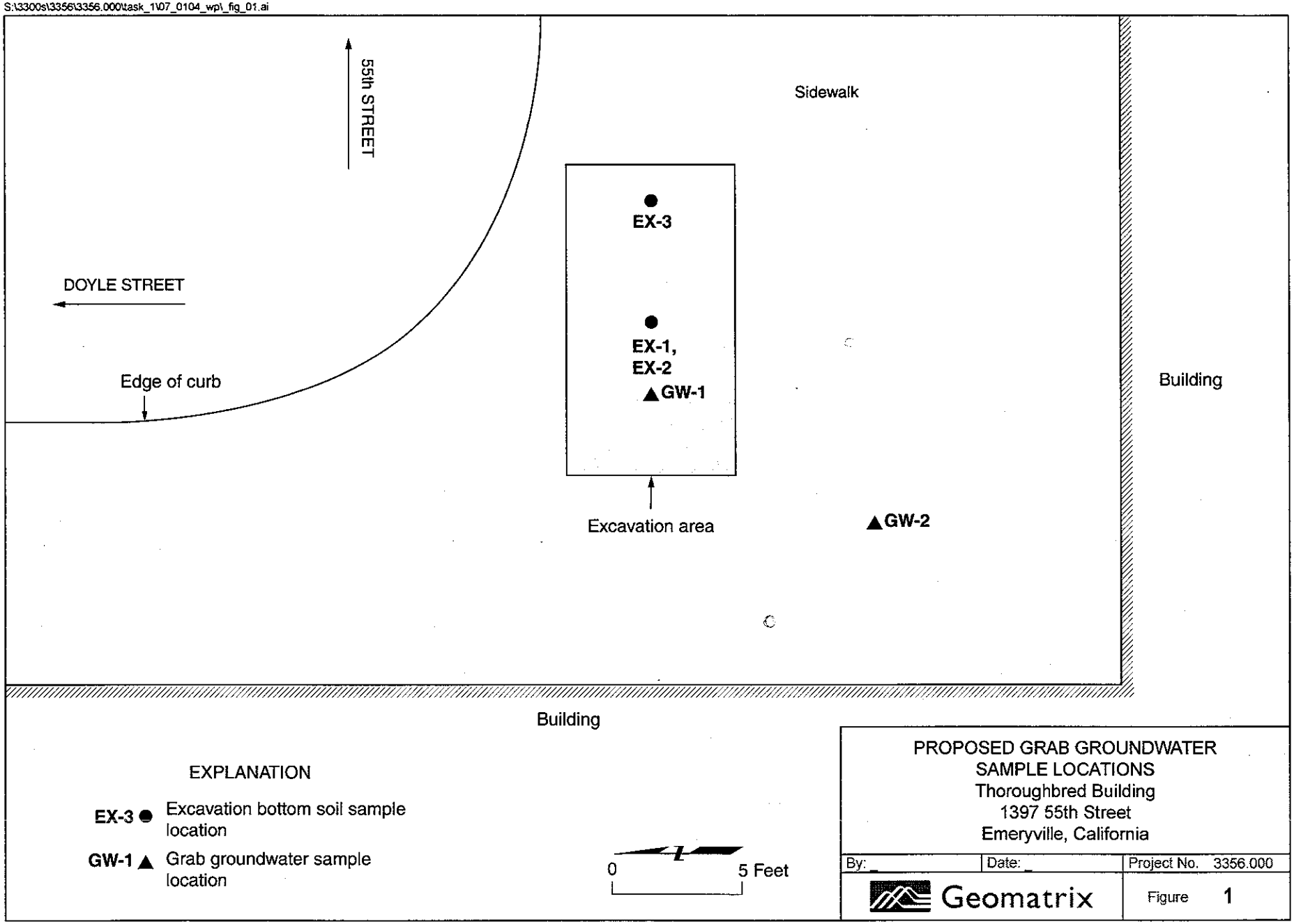

EXPLANATION

EX-3 ● Excavation bottom soil sample location

GW-1 ▲ Grab groundwater sample location

0 5 Feet

PROPOSED GRAB GROUNDWATER SAMPLE LOCATIONS
Thoroughbred Building
1397 55th Street
Emeryville, California

By:	Date:	Project No. 3356.000
Geomatrix		Figure 1

RECEIVED
By dehloptoxic at 2:16 pm, Oct 31, 2006

Geomatrix

October 30, 2006
Project 3356.000

Mr. Steven Plunkett
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Request for Extension – Fuel Leak Case No. RO0000050
Thoroughbred Building
1397 55th Street
Emeryville, California

Dear Mr. Plunkett:

We have received a copy of your letter addressed to Mr. Andrew Getz, of HFH, Ltd. (HFH), dated September 27, 2006 in which you request a work plan for additional site assessment at the subject property.

Delivery of the letter to the correct personnel at Geomatrix and HFH was delayed as Ms. Elizabeth Wells is no longer with Geomatrix and the contact information for HFH is out-of-date. Additionally, the project files have been archived since there has been no activity with respect to this project since 1997. Therefore, we would like to request that the deadline for submittal of a Work Plan for Site Assessment be extended to November 30, 2006.

HFH's correct contact information is as follows:

Mr. Andrew Getz
HFH, Ltd.
6450 Hollis Street
Emeryville, CA 94608

Please contact either of the undersigned at (510) 663-4100 to respond to this request. Thank you for your consideration.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

Jennifer L. Patterson, PE #C59161
Senior Engineer

Ravi Arulanantham, PhD
Principal

I:\Doc_Safe\3000s\3356\2000 CORRESP TASK NON ACTION\Ext Rqst 10.30.06\rqst.doc

cc: Mr. Andrew Getz, HFH, Ltd.

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100
Fax 510.663.4141
www.geomatrix.com

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 27, 2006

Mr. Andrew Getz
HFH LTD.
8844 Sepulveda Boulevard
Los Angeles, CA 90045-810

Subject: Fuel Leak Case No. RO0000050, Thoroughbred Building, 1397 55th Street, Emeryville, CA 94608 – Request for Work Plan

Dear Mr. Getz:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site, including the report entitled, "Underground Storage Tank Removal Report," dated July 1997, prepared on your behalf by Geomatrix, Inc. The report summarizes results from the removal of one approximately 1000-gallon underground storage tank (UST). Elevated concentrations of total petroleum hydrocarbons as kerosene (TPHk) at up to 4,400 mg/kg were detected in soil samples collected from the UST excavation. Therefore, in the interest of moving your case through the regulatory process, ACEH request that you characterize the extent of the release in order to assess whether a significant impact has occurred to soil or groundwater at the site.

Please submit a work plan detailing your proposal to define the extent of possible soil and groundwater contamination **by October 31, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's authority under Section 13267 of the California Water Code. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **October 31, 2006** – Work Plan for Site Assessment

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement

activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at steven.plunkett@acgov.org

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site. If you have not already submitted a list of record fee title owners in response to the Notice of Responsibilty we require that you submit a complete mailing

list of all record fee title owners of the site by **October 31, 2006,** which states, at a minimum, the following:

> *A. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*
>
> *- OR -*
>
> *B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*
>
> *(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)*

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure.*

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

> *A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*
> *___ cleanup proposal (Corrective Action Plan)*
> *___ request for case closure*
> *___ local agency intention to make a determination that no further action is required*
> *___ local agency intention to issue a closure letter*
>
> *- OR -*
>
> *B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Elizabeth Wells
Geomatrix Consultants Inc.
2101 Webster Street, 12th Floor
Oakland, Ca 94612-3066

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

LOP - RECORD CHANGE REQUEST FORM

printed: 05/01/2000

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

Insp: SH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8008206
StID : 6080 LOC:
SITE NAME: Thoroughbred Building DATE REPORTED : 07/24/1997
ADDRESS : 1397 55th St DATE CONFIRMED: 07/24/1997
CITY/ZIP : Emeryville 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: U CONTRACT STATUS: 3 PRIOR CODE:2B4 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 09/10/1997
PRELIMINARY ASMNT: U DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 09/10/1997
LUFT FIELD MANUAL CONSID: 2HSCA
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : 02/14/1997 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Andrew Getz
COMPANY NAME: Thoroughbred Building
ADDRESS: 1355 Ocean Avenue
CITY/STATE: Emeryville, California 94608

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only

ANNPGMS _____ LOP _____ DATE _____

Case Progress Changes

LOP _____ DATE _____

ALAMEDA COUNTY
HEALTH CARE SERVICES
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)

June 3, 1999

STID #6080

Mr. Andrew Getz
Thoroughbred Building
1355 Ocean Avenue
Emeryville, California 94608

RE: Thoroughbred Building - 1397 55th Street, Emeryville, California 94608

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Getz:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) consider a cleanup proposal (corrective action plan)

2) consider a site closure proposal

3) make a determination that no further action is required

4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6780 should you have any questions about the content of this letter.

Sincerely,

Susan L. Hugo
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
SH / files

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

___ cleanup proposal (corrective action plan)

___ site closure proposal

___ local agency intention to make a determination that no further action is required

___ local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY -ENVIRONMENTAL HEALTH

Transfer of Eligible Local Oversight Case

STID 6080 Date of input/By: NA 7/29/97

Date: 7/29/97 From: Susan

Site Name: Thoroughbred Bldg. Building

Address: 1397 - 55th St City: Emeryville Zip: 94608

To be eligible for LOP, case must meet 3 qualifications:

1. (Y) N Tanks Removed? # of removed? 1 Date removed: 2/14/97

2. (Y) N Samples received? Contamination level: 4402 ppm
Type of test Kerosene
Contamination should be over 100 ppm TPH to qualify for LOP

3. (Y) N Petroleum? Circle Type(s): • Avgas • leaded • ~~unleaded~~ • fuel oil • jet • diesel • waste oil • (kerosene) • solvents

Procedure to follow should your site meet all the above qualifications:

1. a. ✓ Close the deposit refund case.
   b. ___ Account for **ALL** time you have spent on the case.
   c. ___ Turn in 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 more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!
   Remaining DepRef $'s: 0
   DepRef Case Closed with Candyce/Leslie? **Y N** (If no, explain why below.)

2. Submit the completed **A** and **B** permit application forms to **NORMA.** ✓

3. Give the entire case to the proper LOP staff. ✓

Andrew Getz
1355 Ocean Avenue
Emeryville, California 94608
telephone: (510) 652-4191
telecopier: (510) 652-9661

June 25, 1997

Ms. Susan L. Hugo
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Dear Ms. Hugo,

Thank you for sending me the two sample notifications to satisfy ther landowner notification and participation requirements. Have I filled them out correctly?

Very truly yours,

Andrew Getz

enclosures: two completed sample notifications

99 JUN 28 PM 3:48
ENVIRONMENTAL PROTECTION

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency Alameda County Health Care Services Agency
Street address 1131 Harbor Bay Parkway, Suite 250
City Alameda, California 94502

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*) 1250 - 53rd Street (Formerly 1397 - 55th St.)
Emeryville, CA 94608
Thoroughbred Building

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party)*, certify that I am the sole landowner for the above site.

Andrew Getz (Agent)
H.F.H., Ltd.
8844 South Sepulveda Blvd.
Los Angeles, CA 90045

Sincerely,

Signature of primary responsible party

Andrew Getz

Name of primary responsible party

ANDREW GETZ

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency Alameda County Health Care Services Agency
Street address 1131 Harbor Bay Parkway, Suite 250
City Alameda, California 94502

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR *(Site Name and Address)* Thoroughbred Building
1250-53rd St. (Formerly 1397-55th St.), Emeryville, CA 94608

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

___ cleanup proposal (corrective action plan)

___ site closure proposal

X local agency intention to make a determination that no further action is required

___ local agency intention to issue a closure letter

Sincerely,

Andrew Getz

Signature of primary responsible party

Name of primary responsible party ANDREW GETZ

cc: Names and addresses of all record fee title owners

H.F.H., Ltd., Attn: Andrew Getz
8844 South Sepulveda Blvd.
Los Angeles, CA 90045

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE 03/14/97

CASE #

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED Susan L. Hugo DATE 3/24/97

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Andrew Getz
PHONE: (510) 652-4191
SIGNATURE: Andrew Getz
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: HFH, Ltd.
ADDRESS: 1355 Ocean Avenue (STREET) Emeryville (CITY) CA (STATE) 94608 (ZIP)

RESPONSIBLE PARTY

NAME: HFH, Ltd. ☐ UNKNOWN
CONTACT PERSON: Andrew Getz
PHONE: (510) 652-4191
ADDRESS: 1355 Ocean Avenue (STREET) Emeryville (CITY) CA (STATE) 94608 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Thoroughbred Building
OPERATOR: Andrew Getz
PHONE: (510) 652-4191
ADDRESS: 1397 55th Street (STREET) Emeryville (CITY) Alameda (COUNTY) 94608 (ZIP)
CROSS STREET: Doyle

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Alameda Co. Health Care Services Agency
CONTACT PERSON: Susan Hugo
PHONE: (510) 567-6780
REGIONAL BOARD
PHONE: ( )

SUBSTANCES INVOLVED

	NAME	QUANTITY LOST (GALLONS)
(1)	kerosene	☒ UNKNOWN
(2)		☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 02/14/97
HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER
DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 02/14/97
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONE ONLY
☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☒ NO ACTION TAKEN ☐ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE) ☐ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) ☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ TREATMENT AT HOOKUP (HU) ☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS

HSC 05 (8/90)

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # 6080 Site Name Thoroughfred Bldg. Today's Date 2/18/97

Site Address 1397 55th Street

City Emeryville Zip 94608 Phone

_____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
__✓__ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
__✓__ III. Underground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments: Manifest for the tank # 96417043
On site for the removal of 1 underground fuel stovage tank. Arrived at the site at around 2:20 PM. Tank removal was scheduled at 2:00 PM. The tank had been removed & hauled on route to Erickson in Richmond. prior to my arrival. Per Elizabeth Miller (Geomatrix) & Dave Boyd (Clearwater Env.), the tank was removed with George Warren (City of Emeryville Fire Dept) approval. Per Elizabeth Miller, the tank had holes. Soil in the excavation appeared discolored & had petroleum hydrocarbon odor.

The tank was underneath the sidewalk on 55th Street. Two stockpiled soil generated from the removal: overburden & soil excavated near the bottom of the tank (appeared like sandy backfill w/ strong discoloration & HC odor). Stockpiled soil will be characterized separately.

Three soil samples collected - one from middle bottom, one from east end & one from west end.

Samples to be analyzed for TPH diesel, TPH Kerosene & BTEX. Excavation allowed to be backfilled w/ clean fill.

II, III

Contact _____

Title _____ Inspector _____

Signature _____ Signature Susan L. Hugo

SUSAN L. HUGO

Project Specialist

STID 6080

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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

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

Any changes or alterations of these plans and specifications must be submitted to this this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:

✓ Removal of Tank(s) and Piping
✓ Sampling
___ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted planet and all applicable laws and regulations.

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist: Susan L. Hugo 1/30/97

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Thoroughbred Building

   Business Owner or Contact Person (PRINT) Mr. Andrew Getz

2. Site Address 1397 55th Street

   City Emeryville Zip 94608 Phone 510 652-4191

3. Mailing Address Same

   City _____ Zip _____ Phone _____

4. Property Owner H.F.H. Ltd.

   Business Name (if applicable) Same

   Address 1397 55th Street

   City, State Emeryville, Ca. Zip 94608

5. Generator name under which tank will be manifested

   H.F.H. Ltd.

   EPA ID# under which tank will be manifested C A C 00123744

6080

6. Contractor Zaccor Corporation, Inc.

Address 791 Hamilton Avenue

City Menlo Park, Ca. 94025 Phone 415 363-2181

License Type* A-C21-HAZ-ASB ID# 478799

***Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.**

7. Consultant (if applicable) Geomatrix Consultants

Address 100 Pine Street, 10th Floor

City, State San Francisco, Ca. Phone 415 434-9400

8. Main Contact Person for Investigation (if applicable)

Name Mr. David Boyd Title V.P. / Project Manager

Company Clearwater Environmental Management, Inc. ✓

Phone 1-800-499-3676

9. Number of underground tanks being closed with this plan one ✓

Length of piping being removed under this plan less then twenty feet

Total number of underground tanks at this facility (**confirmed with owner or operator) one

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

**** Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter

Name Clearwater Environmental Mgmt. EPA I.D. No. CAR000007013

Hauler License No. 3515 License Exp. Date Nov. 1997

Address P.O. Box 7420

City Fremont State Ca. Zip 94537-7420

b) Product/Residual Sludge/Rinsate Disposal Site

Name Alivso Indenpent Oil EPA ID# CAL 000048571

Address 5002 Archer Street

City Alivso State Ca Zip 95002

14. **Describe methods to be used for rendering tank(s) inert:**

Dry Ice 100lbs.

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 permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.**

15. Tank History and Sampling Information ***** (see instructions) *****

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
2000 gal. est.	Late 1950's	Soil and groudwater if present.	2 samples, at each end of tank. No deeper than two feet into native soil below tank.

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

c) **Tank and Piping Transporter**

Name Erickson Inc. **EPA I.D. No.** CAD 009466392

Hauler License No. 0019 **License Exp. Date** May 1997

Address 255 Parr Blvd.

City Richmond **State** Ca. **Zip** 94801

d) **Tank and Piping Disposal Site**

Name Erickson, Inc. **EPA I.D. No.** CAD 009466392

Address 255 Parr Blvd.

City Richmond **State** Ca. **Zip** 94801

11. **Sample Collector**

Name Ms. Jennifer Patterson

Company Geomatrix Consultants

Address 100 Pine Street, 10th floor

City San Francisco **State** Ca. **Zip** 94111 **Phone** 415 434-9400

12. **Laboratory**

Name American Environmental Network

Address 3440 Vincent Road

City Pleasant Hill **State** Ca. **Zip** 94523

State Certification No.

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

If yes, describe.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	**Sampling Plan**
Estimated 10 yards. Soil will be characterized by California State Certified Laboratory for disposal.	In accordance to regional board recommendations.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [X] no [ ] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

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.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Diesel, Kerosene	TPH as Diesel EPA modified 8015 GC/FID	Method 3550	1.0 ppm in soil
	EPA 8020	EPA Method 8020 or 8240	5.0 ppm in soil

18. **Submit Worker's Compensation Certificate copy**

Name of Insurer Golden Eagle Insurance Company

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business Zaccor Corporation, Inc.

Name of Individual Mr. Gary Zaccor

Signature _____ Date 1/ /97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business H.F.H. Ltd.

Name of Individual Mr. Andrew Getz

Signature _____ Date 1/14/97

General Instructions

* Three (3) copies of this plan plus attachments and a 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.
* State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
Address at which closure is taking place.

5. EPA I.D. NO. under which the tanks will be manifested
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.

6. CONTRACTOR
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 LIMITS
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 tape, 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

l) A page for employees to sign acknowledging that 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.**

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) Detailed description of sampling methods; i.e. backhoe bucket, drive sampler, bailer, bottle(s), sleeves

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) Documentation of the disposal of/and volume and final destination of all non-manifested contaminated soil disposed offsite.

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 tank(s) and piping in addition to the tank(s) being removed.

20. DEPOSIT
A deposit, payable to "County of Alameda" 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 this office or from the San Francisco Bay Regional Water Quality Control Board (510/286-1255). 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.;

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to predesignate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

Thoroughbred Building
Name of Site

1397 55th Street
Street Address

Emeryville, Ca. 94608
City, State & Zip Code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

Clearwater Environmental Management , Inc.
Name

P.O. Box 7420
Street Address

Fremont, ca. 94537-7420
City, State & Zip Code

Signature of Payor

Date

David A. Boyd
Name of Payor
(PLEASE PRINT CLEARLY)

Clearwater EMI
Company Name of Payor

RETURN FORM TO:

County of Alameda, Environmental Protection
1131 Harbor Bay Parkway, Rm 250
Alameda CA 94502-6577
Phone#(510) 567-6700

rev.4/6/95;closure.pln\RW

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 PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (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.

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

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 AA ------Optional------- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA 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
Waste 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 CL HC 8010 or 8240 ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	TPH G GCFID(5030) TPH D GCFID(3510 O & G 5520 B & F BTX&E 602, 624 or 8260 CL HC 601 or 624 PCB PCP PNA CREOSOTE

* 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 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).

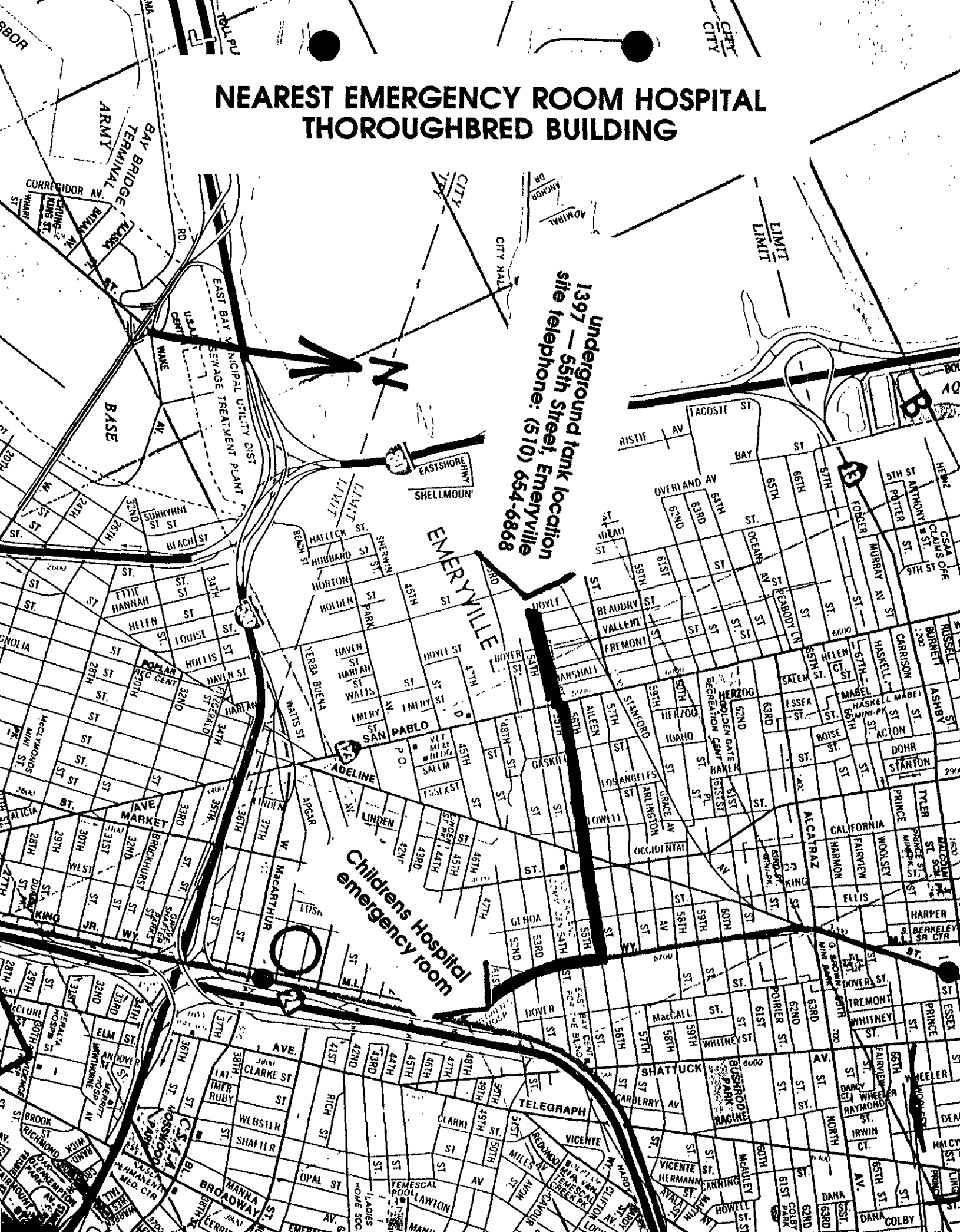
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).

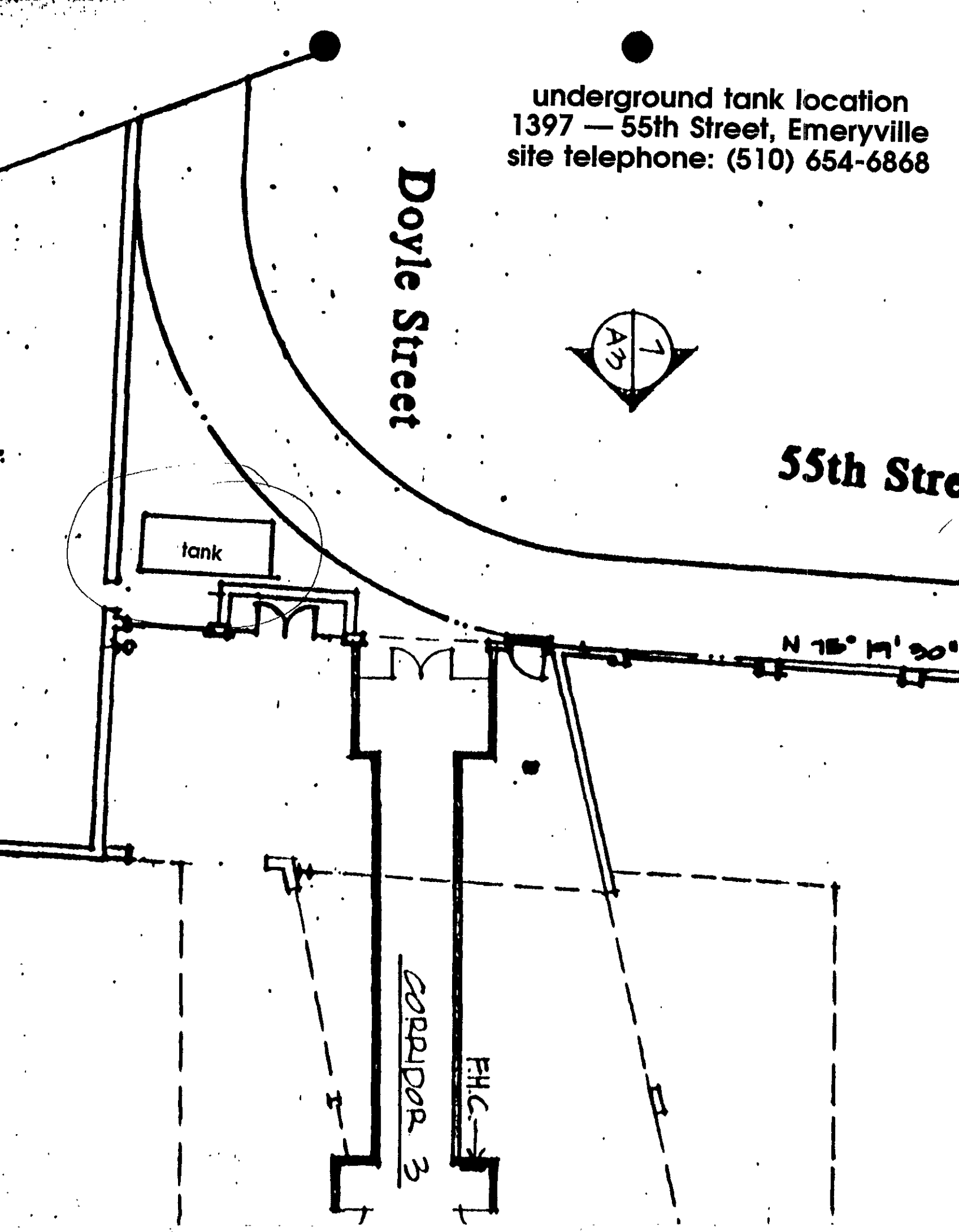
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. **Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.**

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

NEAREST EMERGENCY ROOM HOSPITAL
THOROUGHBRED BUILDING




underground tank location
1397 — 55th Street, Emeryville
site telephone: (510) 654-6868
Doyle Street
55th Stre
7
A3
tank
N 75° 11' 30"
CORRIDOR 3
F.H.C.

LIC. #478799

ZACCOR
COMPANIES, INC.

HEALTH AND SAFETY PLAN

791 HAMILTON AVENUE MENLO PARK, CA 94025 (415) 363-2181 FAX (415) 326-7753

HEALTH AND SAFETY PLAN
REVIEW AND APPROVAL

CLIENT: H.F.H. Ltd. SITE NAME: 55TH Street

PROJECT NAME: Throughbred Building

START DATE: February , 1997

Mr. David Boyd Plan Completed By	Signature	1/24/97 Date
Mr. David Boyd Project Manager	Signature	1/24/97 Date
Mr. Gary Zaccor Health & Safety Coordinator	Signature	Date
Mr. David Boyd Plan Completed By	Signature	1/24/97 Date
Mr. Gary Zaccor Site Health & Safety Officer	Signature	Date
Mr. David Boyd Alternate Site Health & Safety Officer	Signature	1/24/97 Date
None Required Industrial Hygienist	Signature	Date
Excavation Competent Person	Signature	Date
Subcontractor Field Supervisor	Signature	Date

The Health and Safety Plan has been written for the Zaccor Co. and its employees. It may also be used as a guidance document by properly trained and experienced subcontractors However Zaccor Co. does not guarantee the health or safety of any person entering this site.

Due to the potential hazardous nature of this site and the activity occurring thereon, and is not possible to discover, evaluate, and provide protection for all possible hazards which may be encountered. Strict adherence to the health and safety guidelines set forth herein will reduce, but not eliminate, the potential for injury at this site. The health and safety guidelines in this Plan were prepared specifically for this site and should not be used on any other site without prior research by trained a health and safety specialist.

Zaccor Co. claims no responsibility for its use by others. The Plan is written for the specific site conditions, purposes, dates, and personnel specified and must be amended if these conditions change.

SITE HEALTH AND SAFETY PLAN

1.0 INTRODUCTION

The Site Health and Safety Plan (HSP) has been prepared on behalf of Thoroughbred Building by Zaccor Co.. This HSP establishes procedures to address health and safety aspects of fieldwork activities to be conducted by Zaccor Co. employees at 1397 55th Ave. Emeryville, Ca.

This Plan was prepared in accordance with federal (29 CFR 1910.120) and state (Title 8 CCR Section 5192) regulations and has been reviewed by the project manager and project health and safety officer. Prior to entering the site Zaccor personnel shall read this plan and be familiar with health and safety procedures required when working onsite. A copy of the HSP shall be available onsite for inspection and review.

The observance of procedures in this plan are mandatory for all Zaccor employees at the site. All subcontractors, regulatory agency personnel, and other non Zaccor personnel shall be made aware of the requirements of this plan; however, subcontractors and others will be responsible for the safety of their own employees and for following all applicable federal, state, and local regulations.

2.0 SITE BACKGROUND

1000 gallon underground storage tank. The tank is located 10' from street curb under sidewalk. Storage tank was used for diesel fuel as heating oil. Storage tank has not used since the 1950's.

3.0 FIELD ACTIVITIES

The field activities to be conducted at the site may include any of the following work tasks:

Remove sidewalk and 1000 gallon underground heating oil storage tank. Backfill excavation and compact.

4.0 KEY PERSONNEL AND RESPONSIBILITIES

The following sections describe the health and safety responsibilities assigned to the project.

Project Manager: The Project Manager (PM) shall:

1. direct all Zaccor personnel involved in contracted activities at the site and vicinity.

2. make the Project Health and Safety Office aware of all pertinent project developments and plans.

3. make the resources available for a safe working environment and

4. maintain communications with client, as necessary.

Project Health and Safety Officer: The Project health and Safety Officer (PHSO) shall:

1. direct all health and safety aspects of contractual activities conducted by Zaccor personnel at the site vicinity;

2. insure that all Zaccor personnel have received required training, are aware of the potential hazards associated with site operations, have been instructed in the work practices for health and safety, and are familiar with the site health an safety plan procedures for all scheduled activities and for dealing with emergencies

3. direct required exposure monitoring to assess site health and safety concerns.

4. prepare any accident/incident reports

5. modify the site health and safety plan as required based on accidents/incidents and findings regarding personnel exposures and work practices; and

6. report all accidents/incidents and findings regarding personnel exposure and work practices to the PM.

Site Safety Officer: The Site Safety Officer (SO) shall:

1. ensure that appropriate personal protective equipment is available for Zaccor personnel and enforce proper utilization of personal protective equipment by on-site Zaccor personnel

2. with guidance from the PHSO, observe subcontractor's personnel with respect to health and safety. If the SSO believes that a subcontractors personnel are or may be exposed to an immediate health hazard, the SSO shall suspend the subcontractors site work. If the subcontractors personnel do not have the required protective equipment, the SSO shall consult with the PM or PHSO before processing with the work;

3. implement the project health and safety plan and report any observed deviations from site conditions anticipated in the plan

4. conduct site safety briefings as needed

5. calibrate monitoring equipment daily and properly record and file results;

6. under direction of the PHSO, perform required exposure monitoring;

7. maintain monitoring equipment or arrange maintenance as necessary;

8. assume other duties as directed by the PM or PHSO; and

9. report observed accidents/incidents or inadequate work practices to the PHSO and the PM.

Project Personnel: Project personnel involved in on-site investigations and operations shall:

1. take reasonable precautions to prevent injury to themselves and to their fellow employees and perform only those tasks that they can do safely.

2. immediately report accidents and/or unsafe conditions to the SSO or PHSO;

3. follow the procedures set forth in the HSP and report to the SSO or PHSO any observed deviations from the procedures described in the plan on the part of Zaccor or subcontractor personnel; and

4. inform the PM and PHSO of any physical conditions that might affect their ability to perform

Minimum Training and Medical Surveillance Requirements for Site Personnel

XX 40 hr. Health and Safety Training for Hazardous Waste Workers

XX 8 hr. Annual Refresher Training

____ 8 hr Supervisor Training for Site Health and Safety Officer

____ First Aid and CPR Training for Site Health and Safety Officer

____ Respirator Fit testing

____ Medical Surveillance

____ Confined Space Entry Training (For personnel entering excavation)

XX Excavation Competent Person Training (One competent person onsite during all excavation work)

5.0 CHEMICAL HAZARDS AND RISK

Inert underground storage tank and practice guildline set in the enclosed health and safety plan.

6.0 CHEMICAL EXPOSURE MONITORING PLAN

6.1 AIR MONITORING

Air monitoring will not be performed by Zaccor Co. unless deemed necessary

6.2 DUST MONITORING

Water will be used to minimize dust generated during work activities. Dust suppression measures will be implemented before dust becomes visible in the work area.

7.0 POTENTIAL PHYSICAL HAZARDS AND RISK

In addition to potential chemical hazards, potential physical hazards are present at the site. A description of the potential physical hazards, the tasks (identified in Section 3.0) to which each hazard applies, and precautions to be take to minimize the hazards are presented in the following sections.

7.1 SAFETY HAZARDS (ALL TASKS)

Various safety hazards and the precautions to be taken to minimize the hazards are summarized below:

a) falling/flying objects: hard hats and safety glasses will be worn

b) uneven pavement and slippery surfaces; sharp objects such as nails, metal shards, and broken glass: steel-toed boots will be worn and personnel will watch where they are walking.

c) vehicle traffic: work area may be cordoned off and personnel will look both ways before crossing streets and heavy equipment corridors.

d) hot equipment: personnel will wear heavy gloves if handling hot equipment (i.e., steam cleaners, motors).

e) rotating equipment (excavators, cranes, etc.) personnel will remain visible to equipment operators at all times.

7.2 ELECTRICAL HAZARDOUS AND UNDERGROUND UTILITIES (TASK 1 & 2)

Before beginning any work, the SSO shall locate above-ground and underground utilities (electricity, gas, water, telephone, sewer, storm drain) and indicate overhead power lines to all site personnel and contractors. An underground utility checks shall be performed by Underground Service Alert and a private locator prior to initiating any subsurface work.

7.3 NOISE

Large heavy equipment often creates excessive noise. Noise at the site is expected to be quite variable depending upon location and nearby construction activities. Noise monitoring will not be conducted; however, on-site personnel will wear hearing protection when working near operating or other noisy conditions. Zaccor includes annual audiometric testing as part of our medical monitoring program.

7.4 HEAT STRESS

The signs and symptoms of heat stress include:

a) Heat rash may result from continuous exposure to heat or humid air.

b) Heat cramps are caused by heavy sweating with inadequate electrolyte replacement. Signs and symptoms include: muscle spasms and pains in the hands feet and abdomen.

c) Heat exhaustion occurs from increased stress on various body organs including inadequate blood circulation due to cardio-vascular insufficiency or dehydration. Signs and symptoms include: pale, cool, moist skin; heavy sweating; dizziness; nausea; and fainting.

d) Heat stroke is the most serious form of heat stress. Temperature regulation fails and the body temperature rises to critical levels. Immediate action must be taken to cool the body before serious injury and death occur. Competent medical help must be obtained. Signs and symptoms are: red, hot, unsually dry skin; lack of or reduced perspiration; nausea; dizziness and confusion; strong rapid pulse and coma.

HEAT STRESS-continued

If protective clothing must be worn, the suggested guidelines for ambient temperature and maximum work period, from the NIOSH/OSHA/HSGG/EPA "Occupational Safety and Health Guidelines Manual for Hazardous Waste Site Activities" are:

Suggested Frequency of Physiological Monitoring for Fit and Acclimated Workers [a]

Adjusted Temperature [b]	Normal Worker Ensemble [c]	Impermeable Ensemble [d]
90° F (32.2 C) or above	After each 45 minutes of work	After each 15 minutes of work
87.5°-90° F (30.8 - 32.2 C) or above	After each 60 minutes of work	After each 30 minutes of work
82.5°-87.5° F (28.1 - 30.8 C)	After each 90 minutes of work	After each 60 minutes of work
77.5°-82.5° F (25.3 - 28.1 C) or above	After each 120 minutes of work	After each 90 minutes of work
72.5°-77.5° F (22.5 - 25.3 C) or above	After each 150 minutes of work	After each 120 minutes of work

Notes:

a For work levels of 250 kilocalories/hour

b Calculate the adjusted air temperature (ta/adj) from the measured air temperature (ta) by using this equation: ta adj F = ta F + (13 x % sunshine). Measure air temperature (ta) with a standard mercury in glass thermometer, with the bulb shielded from radiant heat, Estimate percent sunshine by judging what percent time the sun is not covered by clouds that are thick enough to produce a shadow (100 percent sunshine = no cloud cover and a sharp distinct shadow; 0 percent sunshine =no shadows).

c A normal work ensemble consists of cotton coveralls or other common clothing with long sleeves and pants.

d Impermeable ensemble includes Tyvek and Saranex coveralls with rubber boots.

Pulse rates and oral temperatures may be monitored as early as possible in the rest period.
If the pulse exceeds 100 beats per minute or temperature exceeds 99 degrees Fahrenheit at the beginning of the rest period, the work cycle will be shortened by one-third.

7.6 SUNBURN (ALL TASKS)

Skin exposure to ultraviolet radiation can produce sunburn. Hats or hard-hats, long sleeved shirts, and sunscreen will be used to protect against sunburn.

7.7 OTHER (ALL TASKS)

Trenching, excavating, or other construction activities may be performed at the site. Field activities conducted by Zaccor shall be coordinated with other construction activities so as not to interfere with such activities.

8.0 PERSONAL PROTECTIVE EQUIPMENT

The following personal protective equipment will be used or available as specified below.

* Flotation devise
* Chemical-resistant rubber boots, steel-toed
* Steel-toed boots
* Hard hats
* Ear Plugs
* Gloves (latex inner liner, nitrile outer glove)
* Disposable suit (Tyvek or Saranex)
* Half- or full-face respirator
* Cartridges
* Safety glasses/goggles

Activity	Equipment/Clothing *mandatory*	*non-mandatory*
ALL	Steel-toed boots Hard hat Eye protection Ear protection gloves	Tyvek Radio communication
ALL WORK OVER THE WATER	Flotation device Radio communication	

9.0 SITE CONTROL

The purpose of site control is to minimize the potential exposure to site hazards, to prevent vandalism at the site, and to provide adequate facilities for the workers.

9.1 WORK ZONES

The work zones for operations will be specified at each location and only authorized personnel shall be permitted access to the site work zone. The work zone may be cordoned with barriers to limit unauthorized access. No eating, drinking, or smoking shall be allowed in the work zone.

9.2 SITE SECURITY

Site security shall consist of the use of barriers and caution tape around work areas. When no work activities are being performed (nights and weekends) equipment and materials shall be locked up. Open holes shall be barricaded if the work area is left unattended.

9.3 SANITATION FACILITIES

If existing sanitation facilities are not within walking distance to the work areas, a portable toilet will be provided near the work area. Soap and water will be available for washing face and hands before eating or when leaving the work area.

9.4 COMMUNICATIONS

A field representative should contact the project manager or office at least once a day while in the field. Zaccor personnel will carry a mobile phone while working on site.

10.0 DECONTAMINATION PROCEDURES

Separate equipment and personnel decontamination areas will be designated on site. Equipment and tools used during work activities shall be decontaminated in the designated decontamination area. Personnel decontamination areas will only be established if work is performed in Level C protective equipment. In such cases, personnel leaving the site will be required to decontaminate their boots and remove and wash other contaminated clothing within the personnel decontamination area. This area will serve as rest-location between work cycles and a staging area for first aid equipment (kits, eye washes, etc.).

10.1 EQUIPMENT DECONTAMINATION PROCEDURES

10.2 PERSONNEL DECONTAMINATION

11.0 SAFETY PRACTICES & STANDARD OPERATING PROCEDURES

In working around any hazardous or potentially hazardous substances or situations, site personnel shall plan all activities before starting any task. Site personnel shall identify health and safety hazards involved with the work planned and consult with the PHSO or SSO as to how the task can be performed in the safest manner, if he/she has any uncertainties.

The SSO shall conduct periodic safety briefings so that any precautions that are required will be fully understood by site personnel and contractors, and any questions personnel may have can be addressed. Adherence to the following general safety rules will be required:

1. Wear protective equipment and clothing as provided, when required.

2. Wear protective hard-hat in construction areas.

3. Wear sturdy work boots or shoes at the site. Steel boots are required.

4. Prevent splashing of contaminated materials.

5. Prevent back injury by never lifting or carrying a load that is more than you can comfortably handle. When lifting heavy objects, bend the knees and use the leg muscles.

6. Keep all heat sources away from combustible liquids, gases, or any flammable materials. When working in areas where combustible gases are present, use only intrinsically safe equipment (non-sparking)

7. Be familiar with the physical characteristics of investigations, including;

    * Wind direction in relation to contaminated areas
    * Accessibility of other personnel, equipment, and vehicles
    * Areas of known or suspected contaminants
    * Site access
    * Nearest water sources
    * Location of communication devices

8. Minimize the number of personnel and equipment in the contaminated areas to the extent necessary to perform the task at hand.

9. Dispose of all wastes generated during work activities at the site as directed by the PM.

10. Inspect power cords for damage such as cuts and frays. Suspend cords with nylon rope an plastic ties only.

11. When in doubt of your safety it is better to overprotect.

12. Practice defensive driving.

13. Keep a first aid kit and a type ABC fire extinguisher in a field vehicle when performing field work.

12.0 EMERGENCY RESPONSE

In the event of an accident or emergency conditions, the procedures listed below shall be followed immediately. Emergency conditions are:

* An accident (physical or chemical) involving personnel or anyone experiencing adverse effects or symptoms of exposure.

* Discovery of a situation more hazardous than anticipated.

* Accidental release of hazardous materials or wastes.

The site safety officer shall take charge, and follow the emergency procedures listed

12.1 MEDICAL EMERGENCY

The following steps shall be taken as appropriate in the event of a medical emergency:

1. Remove the injured or exposed person(s) from immediate danger, if possible. Transport the injured person(s) to a hospital if they can be transported safely. The hospital location can be shown on Figure 2.

2. If a serious injury or life threatening-condition exists, CALL AN AMBULANCE (dial 911). Clearly describe the location, injuries and conditions to the ambulance dispatcher. Designate a person to direct emergency equipment to the injured person.

3. Provide emergency First Aid, if possible.

4. Evacuate other on-site personnel to a safe place until the PM or the PHSO determines that it is safe for work to resume.

5. Immediately implement steps to prevent recurrence of the accident, and to conduct a critique of response and follow-up.

6. If there is any question as to the nature of the injury or what should be done, call 911 or appropriate emergency numbers listed below.

   Ambulance: 911

   Fire Department: 911

   Police Department: 911

   Poison Control Center: 1-(800)-777-6476 or (213) 484-5151.

   National Emergency Response Center: (800) 424-8802 (24 hour)

   California State Office of Emergency Services: (800) 852-7550

7. Location of nearest hospital.

   The hospital location map is attached as Figure 2.

12.2 ACCIDENTAL RELEASE OF HAZARDOUS MATERIALS OR WASTES

The following steps shall be taken as appropriate in the event of a release of hazardous materials or waste:

1. Evacuate all on-site personnel to a minimum of 100-feet in an upwind direction until the PM or PHSO determines that it is safe for work to resume.

2. Immediately instruct a designated person to contact the PM or PHSO.

3. Contain spill, if possible.

4. Initiate cleanup, if directed to do so by the PM or PHSO.

12.3 GENERAL

In the case of fire, flood, explosion or other hazard, work shall be halted and the local fire department notified if necessary (911). All on-site personnel will be evacuated to a minimum of 100-feet in an upwind direction.

13.0 TRAINING, MEDICAL SURVEILLANCE, AND RECORD KEEPING

13.1 TRAINING REQUIREMENTS

All project personnel must be in compliance with OSHA regulations specified in 29 CFR 1910.120 and CCR Title 8, Section 5192. These include completion of a 40-hour health and safety training course, annual 8 hour refresher training, and participation in a medical monitoring program and respiratory protection program.

Documentation of required training for contractors and subcontractors shall be submitted to Zaccor Co. prior to starting work.

Additional site specific training that covers on-site hazards, personal protection requirements, decontaminating procedures, and emergency response information as outlined in the site safety plan will be given by the PHSO or SSO before beginning onsite work.

13.2 MEDICAL SURVEILLANCE

All Zaccor project personnel shall participate in the Zaccor medical monitoring program, which includes annual audiometric and physical exams for employees involved in hazardous waste or materials projects. It requires that all such personnel have medical clearance before being issued a respirator and participating in field activities. Frequency of medical exams complies with CCR8 5192(f 3) and is summarized as follows:

1. Prior to performing field work.

2. At least once every 12 months.

3. At termination of employment.

4. Upon occurrence of possible over-exposure.

5. More frequently if deemed necessary by a physician.

Documentation of medical clearance will be required from contractors and subcontractors prior to the start of work.

14.0 ACKNOWLEDGMENT

ACKNOWLEDGMENT OF RECEIPT OF SITE HEALTH AND SAFETY PLAN

Project Name Throughbred Building

Your signature below indicates that you have received a copy of the health and safety plan for the above identified project, have read it and understand what is required when working onsite.

NAME	DATE

TANK REMOVED 4/97 SH

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY SITE CLOSURE [X] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Thoroughbred Building	NAME OF OPERATOR: H.F.H. Ltd.		
ADDRESS: 1397 55th Street	NEAREST CROSS STREET: Hollis		PARCEL # (OPTIONAL)
CITY NAME: Emeryville	STATE: CA	ZIP CODE: 94608	SITE PHONE # WITH AREA CODE: 510 652-4191

✓ BOX TO INDICATE: [ ] CORPORATION [ ] INDIVIDUAL [X] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS [ ] COUNTY-AGENCY * [ ] STATE-AGENCY * [ ] FEDERAL-AGENCY *

* If owner of UST is a public agency, complete the following: name of supervisor of division, section or office which operates the UST _____

TYPE OF BUSINESS: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [X] 5 OTHER	[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: one	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)

DAYS: NAME (LAST, FIRST): Getz, Andrew	PHONE # WITH AREA CODE: 510 652-4191
NIGHTS: NAME (LAST, FIRST): Same	PHONE # WITH AREA CODE:

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST): Williams, Jim	PHONE # WITH AREA CODE: 510 654-6868
NIGHTS: NAME (LAST, FIRST): Fetherston, Paul	PHONE # WITH AREA CODE: 510 553-2228

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: H.F.H. Ltd.	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS: 1397 55th Street	✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [ ] CORPORATION [X] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: Emeryville	STATE: Ca.	ZIP CODE: 94608	PHONE # WITH AREA CODE: 510 652-4191

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: H.F.H. Ltd.	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS: 1397 55th Street	✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [ ] CORPORATION [X] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: Emeryville	STATE: Ca.	ZIP CODE: 94608	PHONE # WITH AREA CODE: 510 652-4191

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ]

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: [X] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [ ] 7 STATE FUND [ ] 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER [ ] 9 STATE FUND & CERTIFICATE OF DEPOSIT [ ] 10 LOCAL GOVT. MECHANISM [ ] 99 OTHER_____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [X] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED/SIGNATURE)	TANK OWNER'S TITLE	DATE MONTH/DAY/YEAR
[signature]	Partner/Agent	01/14/97

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
[ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: [XX] 1 NEW PERMIT; [ ] 2 INTERIM PERMIT; [ ] 3 RENEWAL PERMIT; [ ] 4 AMENDED PERMIT; [ ] 5 CHANGE OF INFORMATION; [ ] 6 TEMPORARY TANK CLOSURE; [ ] 7 PERMANENTLY CLOSED ON SITE; [X] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # None

B. MANUFACTURED BY: Unknown

C. DATE INSTALLED (MO/DAY/YEAR) Unknown 1940's

D. TANK CAPACITY IN GALLONS: Est. 2000 gallons

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL; [ ] 2 PETROLEUM; [ ] 3 CHEMICAL PRODUCT; [ ] 4 OIL; [X] 80 EMPTY; [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT; [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED; [ ] 1b PREMIUM UNLEADED; [ ] 1c MIDGRADE UNLEADED; [ ] 2 LEADED; [X] 3 DIESEL; [ ] 4 GASAHOL; [ ] 5 JET FUEL; [ ] 6 AVIATION GAS; [ ] 7 METHANOL; [ ] 8 M85; [ ] 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 SYSTEM: [ ] 1 DOUBLE WALL; [X] 2 SINGLE WALL; [ ] 3 SINGLE WALL WITH EXTERIOR LINER; [ ] 4 SINGLE WALL IN A VAULT; [ ] 5 INTERNAL BLADDER SYSTEM; [ ] 95 UNKNOWN; [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [X] 1 BARE STEEL; [ ] 2 STAINLESS STEEL; [ ] 3 FIBERGLASS; [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC; [ ] 5 CONCRETE; [ ] 6 POLYVINYL CHLORIDE; [ ] 7 ALUMINUM; [ ] 8 100% METHANOL COMPATIBLE W/FRP; [ ] 9 BRONZE; [ ] 10 GALVANIZED STEEL; [ ] 95 UNKNOWN; [ ] 99 OTHER

C. INTERIOR LINING OR COATING: [ ] 1 RUBBER LINED; [ ] 2 ALKYD LINING; [ ] 3 EPOXY LINING; [ ] 4 PHENOLIC LINING; [ ] 5 GLASS LINING; [XX] 6 UNLINED; [ ] 95 UNKNOWN; [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP; [ ] 2 COATING; [ ] 3 VINYL WRAP; [ ] 4 FIBERGLASS REINFORCED PLASTIC; [ ] 5 CATHODIC PROTECTION; [XX] 91 NONE; [ ] 95 UNKNOWN; [ ] 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

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 4 FLEXIBLE PIPING; 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 CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [ ] 1 MECHANICAL LINE LEAK DETECTOR; [ ] 2 LINE TIGHTNESS TESTING; [ ] 3 CONTINUOUS INTERSTITIAL MONITORING; [ ] 4 ELECTRONIC LINE LEAK DETECTOR; [ ] 5 AUTOMATIC PUMP SHUTDOWN; [XX] 99 OTHER None

V. TANK LEAK DETECTION

[XX] 1 VISUAL CHECK; [ ] 2 MANUAL INVENTORY RECONCILIATION; [ ] 3 VADOZE MONITORING; [ ] 4 AUTOMATIC TANK GAUGING; [ ] 5 GROUND WATER MONITORING; [ ] 6 ANNUAL TANK TESTING; [ ] 7 CONTINUOUS INTERSTITIAL MONITORING; [ ] 8 SIR; [ ] 9 WEEKLY MANUAL TANK GAUGING; [ ] 10 MONTHLY TANK TESTING; [ ] 95 UNKNOWN; [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Late 1950's

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING Zero GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [XX]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) Mr. Andrew Getz

DATE 1/14/97

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

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS