

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02484

February 15, 2008

Ms. Stefanie Yurus
Children's Hospital Medical Foundation
2201 Broadway, Suite 600
Oakland, CA 94612-3017

Mr. Tom Terrill
The Terrill Company
1111 Civic Drive, Suite 395
Walnut Creek, CA 94596

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

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch, 1600 Freisman Road, Livermore, CA. 94550

Dear Ms. Yurus and Mr. Terrill:

Thank you for meeting with me on February 14, 2008. As discussed during our meeting on February 14, 2008, some additional effort will be required by Alameda County Environmental Health (ACEH) staff to modify the site management requirements for potential case closure. Our records indicate that the balance on the above-referenced SLIC oversight account as of January 31, 2008 was approximately \$494.70. In order to complete the additional scope of work, we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of \$3,000.00. Please send your check to the attention of our Finance Department.

This deposit may or may not be sufficient to provide all necessary regulatory oversight. ACEH will deduct actual costs incurred based upon the hourly rate specified below. If these funds are insufficient, additional deposit will be requested. Otherwise, any unused monies will be refunded to you or your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently \$173.00 per hour. - Please write "SLIC" (the type of project), the site address, and the AR# 0306010 on your check.

If you have any questions, please call me at (510) 567-6791 or contact me my electronic mail at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, P.G.
Senior Hazardous Materials Specialist

cc: Lynn Sagramoso, Children's Hospital Medical Foundation, 2201 Broadway, Suite 600
Oakland, CA 94612

Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

D. Drogos, J. Jacobs, Jerry Wickham

2008 MAR -6 AM 9:59

ENVIRONMENTAL HEALTH
FINANCE

To:

ALAMEDA COUNTY HEALTH

013385
3/4/2008

R02484

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

ENVIRONMENTAL HEALTH
FINANCE

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
2/15/08 DEPOSIT	2/15/2008	DEPOSIT FOR FREISMAN PROPERTY	\$3000.00	\$0.00	\$3000.00
		Totals:	\$3000.00	\$0.00	\$3000.00

013385

To:

ALAMEDA COUNTY HEALTH

3/4/2008

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
2/15/08 DEPOSIT	2/15/2008	DEPOSIT FOR FREISMAN PROPERTY	\$3000.00	\$0.00	\$3000.00
		Totals:	\$3000.00	\$0.00	\$3000.00

**Children's Hospital
& Research Center Foundation**

2201 Broadway, Ste. 600 Oakland, CA 94612
(510) 428-3814

UNION BANK OF CALIFORNIA, N.A.
1970 FRANKLIN STREET
OAKLAND, CA 94612
11-49/1210

013385

CHECK DATE

CHECK NO.

3/4/2008

13385

****Three thousand and 00/100 Dollars****

CHECK AMOUNT
**** 3000.00**

PAY

TO THE
ORDER
OF

ALAMEDA COUNTY HEALTHCARE SVCS
ENVIRONMENTAL PROTECTION
1131 HARBOR BAY PARKWAY, #250
ALAMEDA, CA 94502-6577

TWO SIGNATURES REQUIRED

[Handwritten Signature 1]
[Handwritten Signature 2]
AUTHORIZED SIGNATURE

013385 121000497 409123944

Security Features Included

To:

ALAMEDA COUNTY HEALTH

013385
3/4/2008

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

ENVIRONMENTAL HEALTH
2008 PLAN

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
2/15/08 DEPOSIT	2/15/2008	DEPOSIT FOR FREISMAN PROPERTY	\$3000.00	\$0.00	\$3000.00
		Totals:	\$3000.00	\$0.00	\$3000.00

To: ALAMEDA COUNTY HEALTH 013385
3/4/2008

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
2/15/08 DEPOSIT	2/15/2008	DEPOSIT FOR FREISMAN PROPERTY	\$3000.00	\$0.00	\$3000.00
		Totals:	\$3000.00	\$0.00	\$3000.00

**Children's Hospital
& Research Center Foundation**

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UNION BANK OF CALIFORNIA, N.A.
1970 FRANKLIN STREET
OAKLAND, CA 94612
11-49/1210

013385

CHECK DATE: 3/4/2008
CHECK NO.: 13385

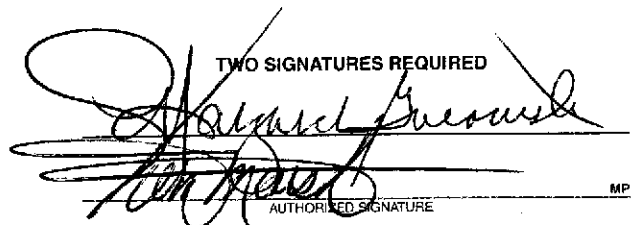
Three thousand and 00/100 Dollars

CHECK AMOUNT
\$** 3000.00

PAY

TO THE
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OF

ALAMEDA COUNTY HEALTHCARE SVCS
ENVIRONMENTAL PROTECTION
1131 HARBOR BAY PARKWAY, #250
ALAMEDA, CA 94502-6577

TWO SIGNATURES REQUIRED

AUTHORIZED SIGNATURE MP

⑈013385⑈ ⑆121000497⑆ 409123944⑈

Envision [RDEMAPEL - ENVISION - ASASERVER]

File Edit Applications Invoice Reports Tools Setup Window Help

Invoice

Invoice ID: Facility ID: FRIESMAN RANCH

Account ID: Invoice Status:

Invoice Date: Print Date: Last Payment Date: Last Penalty Date: # of Notices Printed: Number of Lines:

Total Charges Applied	\$1,875.80	Charges	\$1,875.80	\$0.00
Charges Less Discounts	\$1,875.80	Penalties	\$0.00	\$0.00
Total Payments Applied	\$2,370.50	Refunds	\$0.00	\$0.00
Total Due	(\$494.70)	Payments	\$6,199.40	\$3,826.90
		Discounts	\$0.00	\$0.00

Line	Entered	Applied	P/E	Description	Amount	OAS	R P/E	R_SC	Pen.	Print
1	2/24/2006	1/11/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$132.80	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	2/24/2006	1/13/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$166.00	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	2/24/2006	1/12/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$332.00	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	2/24/2006	2/16/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$33.20	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	2/24/2006	1/31/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$332.00	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	2/24/2006	1/10/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$747.00	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	2/24/2006	1/27/2006	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	\$132.80	\$0.00	5502	B92	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	2/27/2006	2/27/2006	9983	PAYMENT TRANSFER (CREDIT)	\$132.80	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	2/27/2006	2/27/2006	9983	PAYMENT TRANSFER (CREDIT)	\$166.00	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	2/27/2006	2/27/2006	9983	PAYMENT TRANSFER (CREDIT)	\$166.00	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	2/27/2006	2/27/2006	9983	PAYMENT TRANSFER (CREDIT)	\$747.00	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	2/27/2006	2/27/2006	9983	PAYMENT TRANSFER (CREDIT)	\$132.80	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	9/20/2006	9/19/2006	9999	PAYMENT (CREDIT)	\$166.00	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	9/20/2006	9/19/2006	9999	PAYMENT (CREDIT)	\$33.20	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	9/20/2006	9/19/2006	9999	PAYMENT (CREDIT)	\$332.00	\$0.00	5502		<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	9/20/2006	9/19/2006	9999	PAYMENT (CREDIT)	\$1,323.60	\$0.00	9999		<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	11/7/2006	11/7/2006	9982	PAYMENT TRANSFER (DEBIT)	\$33.20	\$0.00	9999		<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	1/31/2007	1/31/2007	9982	PAYMENT TRANSFER (DEBIT)	\$332.00	\$0.00	9999		<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	3/7/2007	3/7/2007	9982	PAYMENT TRANSFER (DEBIT)	\$33.20	\$0.00	9999		<input type="checkbox"/>	<input checked="" type="checkbox"/>
20	4/4/2007	4/4/2007	9982	PAYMENT TRANSFER (DEBIT)	\$647.40	\$0.00	9999		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Start Envision 9:59 AM

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 3, 2008

Ms. Lynn Sagramoso
Children's Hospital Medical Foundation
2201 Broadway, Suite 600
Oakland, CA 94612-3017

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch,
1600 Freisman Road, Livermore, CA 94550 – Well Decommissioning

Dear Ms. Sagramoso:

Alameda County Environmental Health (ACEH) and California Regional Water Quality Control Board staff have reviewed the Spills, Leaks, Investigations, and Cleanups (SLIC) case file and case closure summary for the above-referenced site and concur that no further action related to the SLIC case is required at this time. Due to the residual fuel contamination that is to be left in place, this SLIC case will be closed with the following site management requirements:

"If future excavation or development of the site will encounter or remove soil at depths greater than 10 feet below current surface grade, Alameda County Environmental Health must be notified for review and approval. If future excavation or development of the site will encounter or remove groundwater from the site, Alameda County Environmental Health must be notified for review and approval."

Prior to issuance of a remedial action completion certificate, the monitoring wells at the site are to be properly destroyed, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office. A remedial action completion certificate will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Zone 7 Water Agency (<http://www.zone7water.com>). If you have any questions, please call me at (510) 567-6791.

Sincerely,

A handwritten signature in black ink that reads "Jerry Wickham". The signature is written in a cursive style.

Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Ms. Lynn Sagramoso
RO0002484
January 3, 2008
Page 2

cc: Cheryl Dizon, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street,
Pleasanton, CA 94566

Steve Clements
SCS Engineers
6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

RO2484
013079

To: Alameda Co. Environmental Health

10/23/2007

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

ENVIRONMENTAL HEALTH
FINANCE

2007 OCT 29 PM 2:32

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
SLIC # RO0002484 AR # 0306010	10/19/2007	1600 Freisman Rd., Livermore, CA 94550 Geotracker Global ID TO600143091 Regulatory costs for closure review	\$3,000.00	\$0.00	\$3,000.00
Totals:			\$3,000.00	\$0.00	\$3,000.00

013079

To: Alameda Co. Environmental Health

10/23/2007

CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION

INVOICE NUMBER	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
SLIC# RO0002484 AR # 0306010	10/19/2007	1600 Freisman Rd., Livermore, CA 94550 Geotracker Global ID TO600143091 Regulatory costs for closure review.	\$3,000.00	\$0.00	\$3,000.00
Totals:			\$3,000.00	\$0.00	\$3,000.00

**Children's Hospital
& Research Center Foundation**

2201 Broadway, Ste. 600 Oakland, CA 94612
(510) 428-3814

UNION BANK OF CALIFORNIA, N.A.
1970 FRANKLIN STREET
OAKLAND, CA 94612
11-49/1210

013079

CHECK DATE

CHECK NO.

10/23/2007

013079

CHECK AMOUNT

****3,000.00****

PAY

****Three Thousand and 00/100 Dollars****

TO THE
ORDER
OF

**Environmental Health Services
c/o Finance Department
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577**

TWO SIGNATURES REQUIRED

[Handwritten Signature]
[Handwritten Signature]
AUTHORIZED SIGNATURE

⑈013079⑈ ⑆21000497⑆ 4091239444⑈

Security Features Included Details on Back

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

F

October 19, 2007

Ms. Lynn Sagramoso
Children's Hospital Medical Foundation
2201 Broadway, Suite 600
Oakland, CA 94612-3017

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

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch, 1600 Freisman Road, Livermore, CA 94550

Dear Ms. Sagramoso:

Alameda County Environmental Health (ACEH) has reviewed the case file for the above-referenced site including the recently submitted documents entitled, "Limited Soil Removal/Disposal Report, Freisman Ranch Property, 1600 Freisman Road, Livermore, CA," dated October 5, 2007 and "Additional Groundwater Investigation Report, Freisman Ranch Property, 1600 Freisman Road, Livermore, California," dated October 12, 2007. The Additional Groundwater Investigation Report presents the results of a groundwater investigation and requests that the site be reviewed for regulatory closure.

Our records indicate that the current balance on the above-referenced SLIC oversight account is a negative balance. In order to review the case for possible regulatory closure, we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of \$3,000.00. Please send your check to the attention of our Finance Department.

This deposit may or may not be sufficient to provide all necessary regulatory oversight. ACEH will deduct actual costs incurred based upon the hourly rate specified below. If these funds are insufficient, additional deposit will be requested. Otherwise, any unused monies will be refunded to you or your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently \$173.00 per hour. Please write "SLIC" (the type of project), the site address, and the AR# 0306010 on your check.

If you have any questions, please call me at (510) 567-6791 or contact me my electronic mail at jerry.wickham@acgov.org.

Sincerely,

A handwritten signature in black ink that reads "Jerry Wickham".

Jerry Wickham, P.G.

Hazardous Materials Specialist

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

D. Drogos, J. Jacobs, Jerry Wickham

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

June 29, 2007

Ms. Lynn Sagramoso
Children's Hospital and Research Center Foundation
2201 Broadway, Suite 600
Oakland, CA 94612

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch,
1600 Freisman Road, Livermore, CA 94550

Dear Ms. Sagramoso:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the recently submitted document entitled, "Work Plan for Additional Groundwater Investigation, Freisman Ranch, 1600 Freisman Road, Livermore, CA," dated June 7, 2007 and received by ACEH on June 11, 2007. The Work Plan, which was prepared by SCS Engineers, proposes advancing three pilot soil borings in a transect perpendicular to the plume of dissolved fuel hydrocarbons. The proposed pilot soil borings are approved for implementation as proposed. We request that you perform the proposed work and send us the reports described below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **August 15, 2007** – Groundwater Sampling Report for Second Quarter 2007
- **September 18, 2007** – Limited Soil Excavation and Confirmation Sampling Report
- **October 12, 2007** – Results from Pilot Soil Borings and Work Plan Addendum for Groundwater Sampling

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

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).

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.

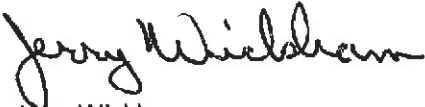
AGENCY OVERSIGHT

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.

Ms. Lynn Sagramoso
RO0002484
June 29, 2007
Page 3

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

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

April 18, 2007

Ms. Emily De Falla
Children's Hospital and Research Foundation
5225 Dover Street
Oakland, CA 94609-1809

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch, 1600 Friesman Road, Livermore, CA 94550

Dear Ms. De Falla:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the recently submitted document entitled, "Work Plan – Limited Soil Removal/Disposal, Freisman Ranch Property, 1600 Freisman Road, Livermore, CA," dated April 17, 2007. The Work Plan, which was prepared by SCS Engineers, proposes the excavation of approximately 5 to 10 cubic yards of soil in the vicinity of sample location SS-14. The proposed soil excavation and confirmation sampling activities are approved for implementation. We request that you perform the proposed work and send us the reports described below.

As described in our March 28, 2007 correspondence, a Work Plan for further characterization in the area of the gasoline release is required by June 6, 2007. Please refer to our March 28, 2007 correspondence regarding specific requirements for the Additional Site Characterization Work Plan.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **June 6, 2007** – Additional Site Characterization Work Plan
- **September 18, 2007** – Limited Soil Excavation and Confirmation Sampling 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

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).

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.

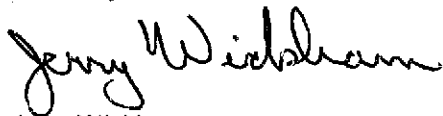
AGENCY OVERSIGHT

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Ms. Emily De Falla
April 18, 2007
Page 3

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Colleen Winey, QIC 80201; Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



RO2484

RECEIVED
APR 13 2007
ENVIRONMENTAL HEALTH SERVICES

April 16, 2007

Jerry Wickham
Hazardous Materials Specialist
Alameda County
Environmental Health Services
1131 Harbor Bay Pkwy. #250
Alameda, CA 94502-6577

RE: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091
Freisman Ranch, 1600 Friesman Road, Livermore, CA 94550
CHANGE OF ADDRESS

Dear Mr. Wickham:

Please note that our address has changed. Beginning April 2, 2007, our address will be:

Children's Hospital & Research Center Foundation
2201 Broadway, Suite 600
Oakland, CA 94612

Thank you for your attention.

Sincerely,

Anders Lee
Assistant Director of Development

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

March 28, 2007

Ms. Emily De Falla
Children's Hospital Medical Foundation
5225 Dover Street
Oakland, CA 94609-1809

Subject: SLIC Case No. RO0002484 and Geotracker Global ID T0600143091, Freisman Ranch,
1600 Friesman Road, Livermore, CA 94550

Dear Ms. De Falla:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the recently submitted report entitled, "Additional Site Investigation Report," dated March 7, 2007. The report, which was prepared by SCS Engineers, presents the results of a soil vapor survey, monitoring of existing wells and the on-site supply well, drilling and sampling of three soil borings, and collection of shallow soil samples in the vicinity of and downwind of the former on-site incinerator.

We request that you address the technical comment below, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Soil Vapor Survey.** The results of the soil vapor survey indicate that volatile organic compounds were not detected at concentrations exceeding Environmental Screening Levels (ESLs) for residential land use (San Francisco Bay Regional Water Quality Control Board 2005). No further soil vapor sampling is required at this time.
2. **Source of Gasoline in Groundwater.** The results from the soil vapor survey did not provide additional information on the potential location of the source of gasoline in groundwater. Therefore, the source of the gasoline remains unknown. As indicated in a Revised Response to Comments/Workplan dated October 19, 2006, a former 300-gallon UST apparently located in the vicinity of the former aboveground heating oil tank and boilers is a possible source of gasoline range hydrocarbons detected in groundwater north of the dairy building. The UST is suspected to have been removed in the 1970s. Notes on the laboratory analyses for total petroleum hydrocarbons as gasoline in groundwater indicate that, "unmodified or weakly modified gasoline is significant," which appears to be inconsistent with a release that occurred during or prior to the 1970s. Please review the potential for more recent releases or for a UST to still be in place and propose additional investigation as needed.

3. **Vertical Extent of Contamination.** As indicated in our correspondence dated August 23, 2006, assessment of the vertical extent of contamination is required for the site. The August 23, 2006 correspondence requested that soil borings be advanced at three locations along a transect that is perpendicular to the TPH plume in order to characterize the vertical extent of fuel hydrocarbons. In a Revised Response to Comments/Workplan dated October 19, 2006, SCS Engineers requested on your behalf that data from the proposed shallow investigation be reviewed prior to the drilling and sampling of borings along the transect. We now request that you propose sampling locations for the transect. We request that the one pilot soil boring be continuously logged to a minimum depth of 60 feet bgs at each of the three locations. Please review historic water levels to determine the appropriate depth of the borings. Soil samples are to be collected from the capillary fringe in each boring and from any interval where staining, odor, or elevated photoionization readings are observed. Results from the pilot soil borings are to be used to select intervals for depth-discrete groundwater sampling below first encountered groundwater. One groundwater sample is to be collected approximately 5 feet below first encountered groundwater at each of the proposed locations. Potential water-bearing layers below first encountered groundwater are to be targeted for groundwater sampling down to the total depth of the pilot borings. Please include plans for soil borings and depth-discrete groundwater sampling in the Work Plan requested below.
4. **Groundwater Sampling.** The Additional Site Investigation Report recommends the collection of groundwater samples from the existing monitoring wells during the second quarter of 2000 to evaluate inconsistencies in results from sampling conducted by different sampling methods. We concur with the proposal to collect groundwater samples from the existing monitoring wells. The groundwater samples are to be analyzed for TPHg, TPHd, and TPHss using EPA Method 8015C, BTEX and MTBE using EPA Method 8260B, and dissolved lead. We also request that the samples be analyzed for 1,2-dichloroethane and ethylene dibromide using EPA Method 8260B. Please use low flow sampling methods for groundwater sampling. Field filtering for metals analyses will not be required if low flow sampling methods are used. Please present the results in the Groundwater Monitoring Report requested below.
5. **Proposed Excavation in the Area of Soil Sample SS-14.** Lead was detected at a concentration of 760 milligrams per kilogram in surface soil sample SS-14. We concur with the proposal to excavate and remove lead-impacted soil in the area of surface soil sample SS-14. Please present plans for the excavation and off-site disposal of soil in the area of surface soil sample SS-14 in the Work Plan requested below. Please also include plans for confirmation soil sampling from the excavation.
6. **Geotracker EDF Submittals.** A review of the Geotracker website indicates that electronic copies of analytical data or reports have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically

to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports (LUFT or SLIC) is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all SLIC analytical data and copies of reports post July 1, 2005, to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **June 6, 2007 – Work Plan**

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

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).

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

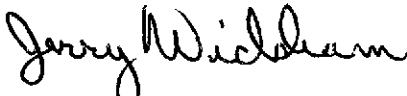
The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For 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.

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) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

October 30, 2006

Ms. Emily De Falla
Children's Hospital Medical Foundation
5225 Dover Street
Oakland, CA 94609

Subject: SLIC Case No. [REDACTED] Friesman Ranch, 1600 Friesman Road, Livermore, CA –
Work Plan Approval

Dear Ms. De Falla:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the report entitled, "Revised Response to Comments/Workplan, Friesman Ranch Property," dated October 19, 2006. The report, which was prepared by SCS Engineers, presents responses to the technical comments in our August 23, 2006 correspondence and proposes a scope of work for additional investigation. The revised responses are acceptable and the proposed scope of work is approved as submitted. The proposal to delineate the vertical extent of contamination following review of the results of the proposed investigation is also acceptable.

We request that you address the technical comment below, 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 jerry.wickham@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Geotracker EDF Submittals.** A review of the Geotracker website indicates that electronic copies of analytical data or reports have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports (LUFT or SLIC) is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all SLIC analytical data and copies of reports post July 1, 2005, to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **February 27, 2006** – Site Assessment 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

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).

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

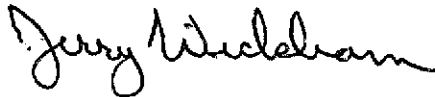
certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

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) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R02484

FAX COVER

From:
~~TO:~~

DATE: October 16, 2006
 NAME: Jerry Wickham
 COMPANY NAME: Alameda Co. Health Care Services Agency
 FAX NUMBER: (510) 337-9335
 PHONE NUMBER: (510) 567-6791

SCS ENGINEERS

Environmental Consultants 50 Sand Creek Road, Suite 306 Phone (925) 240-5152
 Brentwood, California 94513 FAX (925) 240-5629

To

~~FROM:~~ Steve Clements
 PROJECT NUMBER: 01203087.01
 NUMBER OF PAGES: 2

Alameda County
 OCT 17 2006
 Environmental Health

COMMENTS:

Jerry,

Per my earlier voice mail message, attached is the Well Completion Report Release Request Form necessary to obtain water supply well information for the Friesman Ranch project. Please sign and date and fax back to me at (925) 240-5629.

Please call me at (925) 240-5152 x24 with any questions.

Thank you,



Steve Clements
 SCS Engineers

STATE OF CALIFORNIA - THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, Governor

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
901 P Street
Sacramento, CA 95814
(916) 651-0753
(916) 651-0726 (Fax)

NORTHERN DISTRICT
2440 Main Street
Red Bluff, CA 96080
(530) 529-7300
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT
3374 E. Shields Ave Ste A7
Fresno, CA 93726
(559) 230-3300
(559) 230-3301 (Fax)

SOUTHERN DISTRICT
770 Fairmont Avenue
Glendale, CA 91203
(818) 500-1645 ext. 233
(818) 543-4604 (Fax)

WELL COMPLETION REPORT RELEASE REQUEST AND CONFIDENTIALITY AGREEMENT
REGULATORY-RELATED ENVIRONMENTAL CLEANUP STUDY

Well Completion Reports associated with wells located within two miles of an area affected or potentially affected by a known unauthorized release of a contaminant will be made available upon request to any person performing an environmental cleanup study associated with the unauthorized release, if the study is conducted pursuant to a regulatory agency order (Water Code Section 13752).

Requests must be made on the form below, signed and submitted to the appropriate DWR District Office. Please provide the township, range, and section of the property where the study is to be conducted. Attach a map or a sketch with a north arrow, and provide as much identifying information requested below as possible; additional paper may be attached if necessary.

By signing below, the requester acknowledges and agrees that, in compliance with Section 13752, the information obtained from these reports will be kept confidential and will not be disseminated, published, or made available for inspection by the public. Copies obtained must be stamped **CONFIDENTIAL** and kept in a restricted file accessible only to authorized personnel. These reports must not be used for any purpose other than for the purpose of conducting the environmental cleanup study.

Project Name: Friesman Ranch

Street Address: 1600 Friesman Road

Township, Range, and Section:

(Include entire study area and a map that shows the area of interest.)

Radius: 2000 feet
(maximum 2 miles)

SCS Engineers
Requester's Company

Steve Clements
Requester's Name (please print)

6601 Koll Center Parkway Suite 140
Address

Pleasanton, CA 94566
City, State, and Zip Code

Signature: 

Title: Project Manager / PG

Telephone: (925) 240-5152

FAX: (925) 240-5629

Date: 10-16-06

E-mail: sclements@scsengineers.com

Alameda Co. Health Care Services Agency
Regulatory Agency Name

Jerry Wickham
Agency Contact Name (please print)

1131 Harbor Bay Parkway, Suite 250
Address

Alameda, CA 94502
City, State, and Zip Code

Signature: 

Title: Hazardous Materials Specialist

Telephone: (510) 567-6791

FAX: (510) 337-9335

Date: 10/17/06

E-mail: jerry.wickham@acghsa.org

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

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

August 23, 2006

Ms. Lorraine Del Prado
Children's Hospital Medical Foundation
5225 Dover Street
Oakland, CA 94609

Subject: SLIC Case No. [REDACTED] Friesman Ranch, 1600 Friesman Road, Livermore, CA

Dear Ms. Del Prado:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the report entitled, "Response to Comments/Workplan, Friesman Ranch Property," dated August 7, 2006. The report, which was prepared by SCS Engineers, presents responses to the technical comments in our January 31, 2006 correspondence and proposes a scope of work for additional investigation. We generally concur with the proposed scope of work; however, we request additional investigation in several areas. Therefore, we request that you prepare a revised Work Plan to address the technical comments below **by October 24, 2006**.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Source of Gasoline in Groundwater.** The Response to Comments indicates that although the source of gasoline in groundwater is unknown, a former 300-gallon UST apparently located in the vicinity of the former aboveground heating oil tank and boilers is a possible source of gasoline range hydrocarbons detected in groundwater north of the dairy building. In order to confirm that the source of gasoline in groundwater is the area of the dairy building, we request that groundwater is sampled upgradient of the plume on the east side of Arroyo De Las Positas. Soil and groundwater samples previously collected from boring B-18, which was advanced northeast of the dairy building, contained TPH as gasoline. A soil sample collected at a depth of 20 feet bgs from boring B-18 contained the highest concentration of TPH as gasoline detected in soil at the site. Therefore, one soil boring is needed upgradient of boring B-18 to confirm that the source of gasoline in groundwater is in the area of the dairy building and not upgradient of boring B-18. Please present plans to sample groundwater east of Arroyo De Las Positas in the revised Work Plan requested below.
2. **Soil Vapor Survey.** The proposed methods for soil vapor sampling are acceptable. However, we request that additional soil vapor sampling locations are included as shown on the enclosed Revised Figure 3. Specifically, we request two soil vapor samples in the area of Barn #2 and six additional soil vapor samples in the area of the TPH plume. We request that the soil vapor analytical results from the on-site laboratory are reviewed in the field and the grid of soil vapor samples be expanded where necessary to fully define the extent of

elevated concentrations of VOCs. Please include the additional soil vapor sampling locations and plans to expand the soil vapor survey as necessary based on initial results in the revised Work Plan requested below.

3. **Groundwater Sampling.** We concur with the proposal to collect groundwater samples from the existing monitoring wells. The groundwater samples are to be analyzed for TPHg, TPHd, and TPHss using EPA Method 8015C, VOCs including BTEX, MTBE, and chlorinated hydrocarbons using EPA Method 8260B, and total lead. We request that the samples be analyzed for 1,2-dichloroethane and ethylene dibromide using EPA Method 8260B. Please use low flow sampling methods for groundwater sampling. Field filtering for metals analyses will not be required if low flow sampling methods are used. We request that the on-site water supply well (3S/1E 2P3) is sampled concurrently with the monitoring wells.
4. **Vertical Extent of Contamination.** Assessment of the vertical extent of contamination is required for the site. We recommend that soil borings be advanced at three locations along a transect that is perpendicular to the TPH plume in order to characterize the vertical extent of fuel hydrocarbons. We request that the one pilot soil boring be continuously logged to a minimum depth of 60 feet bgs at each of the three locations. Soil samples are to be collected from the capillary fringe in each boring and from any interval where staining, odor, or elevated photoionization readings are observed. Results from the pilot soil borings are to be used to select intervals for depth-discrete groundwater sampling below first encountered groundwater. One groundwater sample is to be collected approximately 5 feet below first encountered groundwater at each of the proposed locations. Potential water-bearing layers below first encountered groundwater are to be targeted for groundwater sampling down to the total depth of the pilot borings. Please include plans for soil borings and depth-discrete groundwater sampling in the revised Work Plan requested below.
5. **Stoddard Solvents in KW-7.** As noted in the Response to Comments/Work Plan, Barn No. 1 is a possible source of the Stoddard solvent detected in groundwater. The Work Plan proposes collection of groundwater samples from existing wells to evaluate the potential presence of Stoddard solvent. However, the closest downgradient monitoring well to Barn No. 1 is well KMW-4, which is approximately 160 feet west of Barn No. 1. Therefore, we request that one soil boring be advanced immediately west of Barn #1 to collect a grab groundwater sample approximately 5 feet below first encountered groundwater. Please present plans to collect a grab groundwater sample west of Barn #1 in the revised Work Plan requested below.
6. **Well Survey.** Attachment G of the report presents a map from the Zone 7 Water Agency that shows the locations of nearby wells. In the revised Work Plan requested below, please present available well construction data for water supply wells located within 1,000 feet in the upgradient or cross gradient directions (3S/1E 2P3) and within 2,000 feet in the downgradient direction (3S/1E 2P7, 3S/1E 2N3, 3S/1E 2N2, and 3S/1E 2P1). Well construction details are to include the well diameter, screen slot size, total depth of the boring, depths of the screened interval, depths of the filter pack, and other well construction details that may be relevant. Please describe the current use of the on-site water supply well and plans for future use of the well. Please present this information in the revised Work Plan requested below.

7. **Proposed Surface Soil Sampling in Area of Incinerator.** The proposed 15 surface soil sample locations to characterize the extent of contamination from the incinerator are acceptable. If elevated concentrations of metals are detected, analyses for additional potential chemicals of concern may be required.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **October 24, 2006** – Revised Work Plan

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).

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

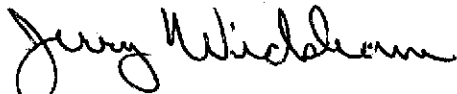
The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For 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.

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) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

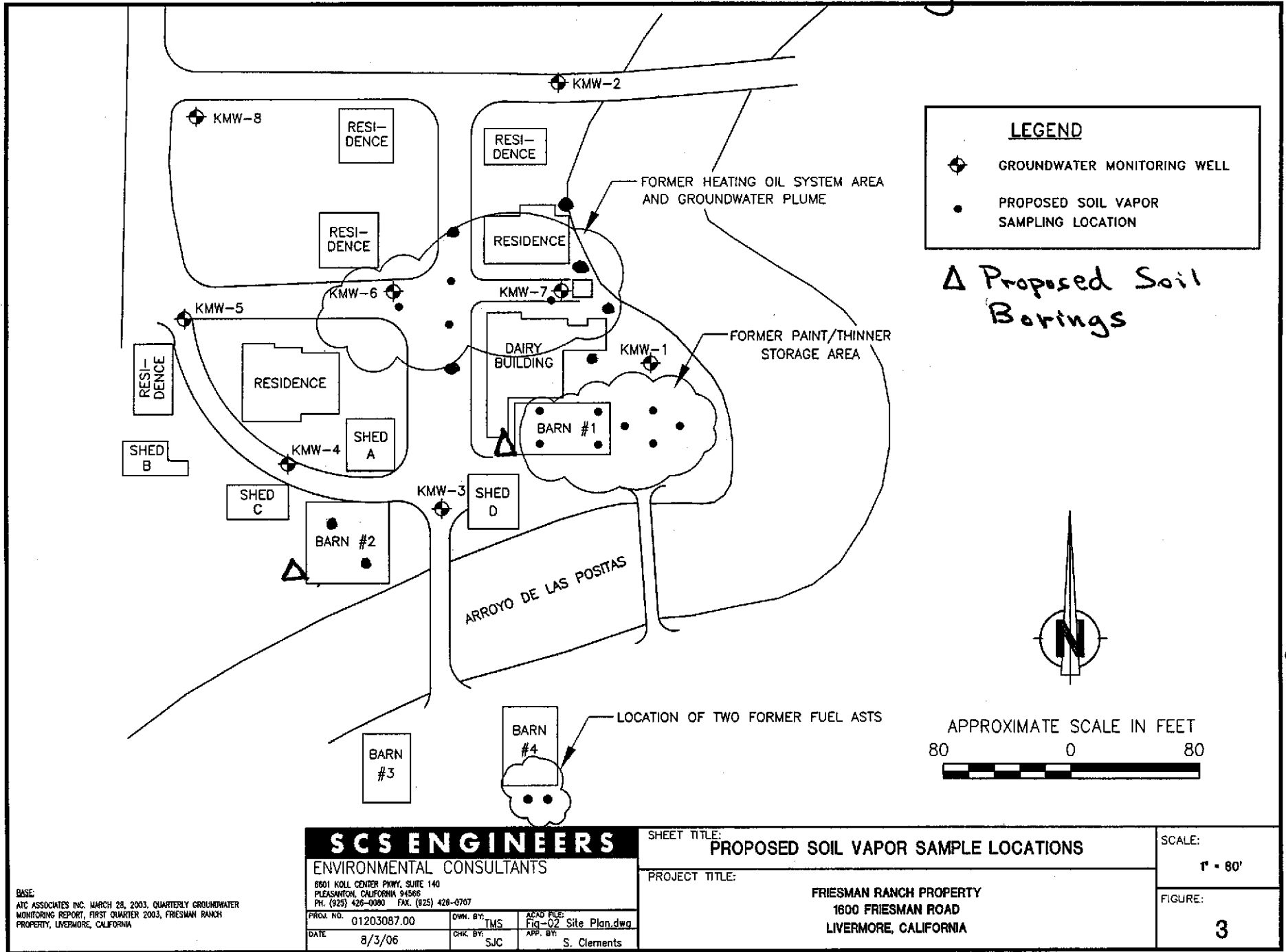
cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Revised Figure 3



SCS ENGINEERS

ENVIRONMENTAL CONSULTANTS

8801 KOLL CENTER PARK, SUITE 140
PLEASANTON, CALIFORNIA 94566
PH. (925) 426-0080 FAX. (925) 426-0707

PROJ. NO. 01203087.00	OWN. BY: TMS	ACAD FILE: Fig-02 Site Plan.dwg
DATE 8/3/06	CHK. BY: SJC	APP. BY: S. Clements

SHEET TITLE: PROPOSED SOIL VAPOR SAMPLE LOCATIONS

PROJECT TITLE: FRIESMAN RANCH PROPERTY

1600 FRIESMAN ROAD
LIVERMORE, CALIFORNIA

SCALE: 1" = 80'

FIGURE: 3

BASE: ATC ASSOCIATES INC. MARCH 28, 2003. QUARTERLY GROUNDWATER MONITORING REPORT, FIRST QUARTER 2003, FRIESMAN RANCH PROPERTY, LIVERMORE, CALIFORNIA

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

August 18, 2006

Ms. Margaret Zywicz
Children's Hospital Medical Foundation
5225 Dover Street
Oakland, CA 94609

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

Subject: SLIC Case No. ~~EC 0306010~~ 034, Freisman Ranch, 1600 Friesman Road, Livermore, CA

Dear Ms. Zywicz:

Our records indicate that the current balance on the above-referenced SLIC oversight account is a negative \$747.00. In order to continue to provide regulatory oversight, we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of \$3,000.00. Please send your check to the attention of our Finance Department.

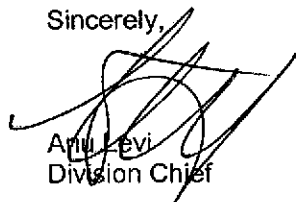
This initial deposit may or may not be sufficient to provide all necessary regulatory oversight. ACEH will deduct actual costs incurred based upon the hourly rate specified below. If these funds are insufficient, additional deposit will be requested. Otherwise, any unused monies will be refunded to you or your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently \$166.00 per hour.

Please write "SLIC" (the type of project), the site address, and the AR# 0306010 on your check.

If you have any questions, please contact Jerry Wickham at (510) 567-6791.

Sincerely,



Amy Levi
Division Chief

cc: Steve Clements, SCS Engineers, 6601 Koll Center Parkway, Suite 140, Pleasanton, CA 94566

D. Drogos, J. Jacobs, Jerry Wickham

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Thursday, April 13, 2006 1:44 PM
To: 'Clements, Steve'
Cc: mzywicz@mail.cho.org
Subject: RE: Friesman Ranch, 1600 Friesman Road, Livermore, CA - SLIC Case No. RO0002484

Steve,

Based on your request below, the schedule for submittal of a response to comments and/or work plan for site investigation for SLIC case RO0002484 is extended to June 16, 2006.

Regards,

Jerry Wickham

Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 Fax
jerry.wickham@acgov.org

From: Clements, Steve [<mailto:SClements@SCSEngineers.com>]
Sent: Thursday, April 13, 2006 12:16 PM
To: Wickham, Jerry, Env. Health
Cc: mzywicz@mail.cho.org
Subject: Friesman Ranch, 1600 Friesman Road, Livermore, CA - SLIC Case No. RO0002484

Jerry,

Per our recent phone conversation, this e-mail serves to confirm your approval of a deadline extension for submittal of additional information for the Friesman Ranch site located at 1600 Friesman Road, Livermore, CA (SLIC Case No. RO0002484). Your letter of January 31, 2006 had requested submittal of a *Response to Comments and/or Work Plan* by April 17, 2006. However, as we discussed, SCS Engineers has just recently been contracted by Children's Hospital to prepare the response. As such, on behalf of Children's Hospital we are requesting a 60 day deadline extension to June 16, 2006.

Please call me at (925) 240-5152 if you have any questions regarding this request.

Thank you,

Steve Clements, PG, REA
Project Manager
SCS Engineers
Northern California Offices:

6601 Koll Center Parkway, Suite 140

4/13/2006

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

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

January 31, 2006

Ms. Lorraine Del Prado
Children's Hospital Medical Foundation
5225 Dover Street
Oakland, CA 94609

Subject: SLIC Case No. [REDACTED], Freisman Ranch, 1600 Friesman Road, Livermore, CA

Dear Ms. Del Prado:

I am the caseworker recently assigned to your case. Please send future correspondence or inquiries regarding this case to my attention. Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the reports entitled, "Groundwater Monitoring, Soil Vapor Survey, and Source Removal Report, Friesman Ranch Property," dated November 21, 2003 and "Quarterly Groundwater Monitoring Report, Fourth Quarter 2003," dated December 17, 2003. Both reports, which were prepared by SCS Engineers, request regulatory closure of the site. Based upon our review of the case file, we have identified several items that must be addressed prior to regulatory closure. We request that you address the technical comments below by providing the requested information or proposing site investigation activities. Therefore, we request that you prepare a Response to Comments and/or Work Plan to address the technical comments below **by April 17, 2006**.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Gasoline in Soil and Groundwater.** The report indicates that an aboveground storage tank, product line(s), and two boilers that used heating oil to power various equipment at the ranch, are the presumed sources of a petroleum hydrocarbon plume detected in the central portion of the site. Based on laboratory analysis of groundwater samples collected from the plume, a significant percentage of the fuel hydrocarbons are in the gasoline range. Gasoline range hydrocarbons have also been detected in soil samples collected in this area. It is not plausible that soil and groundwater contamination consisting largely of gasoline range hydrocarbons could be derived from a fuel distribution system that used only heating oil. Please identify and evaluate the potential sources of gasoline contamination for the site. Please prepare a Response to Comments or propose site investigation activities in a Work Plan to address this comment.
2. **Soil Vapor Survey Results.** Total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) were not detected in soil vapor samples collected at eight locations within the central portion of the site. However, the reporting limit for benzene (125 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]) exceeds the San

Francisco Regional Water Quality Control Board Environmental Screening level for benzene shallow soil gas. Although several potential sources of volatile organic compounds (VOCs) were identified in the Phase I Environmental Site Assessment (Kleinfelder 1997), the soil vapor samples were not analyzed for volatile organic compounds (VOCs) other than BTEX. In addition, no soil vapor samples were collected in the areas of potential VOC sources. Please evaluate the need for additional soil gas sampling and VOC analyses (in addition to BTEX) and present the results of the evaluation in the Response to Comments or Work Plan requested below.

3. **Groundwater Analyses for Volatile Organic Compounds.** Although several potential sources of VOCs were identified in the Phase I Environmental Site Assessment (Kleinfelder 1997), no groundwater samples appear to have been analyzed for VOCs other than BTEX. Please evaluate the need for VOC analyses in addition to BTEX in groundwater and present the results of the evaluation in the Response to Comments or Work Plan requested below.
4. **Vertical Extent of Contamination.** The vertical extent of contamination has not been defined for the site. The deepest soil sample collected at the site appears to have been collected from a depth of 20 feet bgs. The soil sample collected from a depth of 20 feet bgs in boring KB-18 contained a concentration of 4,000 mg/kg of TPH as gasoline. This concentration was the highest concentration of TPH as gasoline detected in the soil borings (Kleinfelder 1997). Because the highest concentration was detected in the lowermost sample, the vertical extent of contamination has not been determined. Please evaluate the need for vertical delineation of the extent of contamination and present the results of the evaluation in the Response to Comments or Work Plan requested below.
5. **Volume of Soil Excavated from Fuel System Excavation.** The Groundwater Monitoring Report, Soil Vapor Survey, and Source Removal Report (SCS Engineers, 2003) reports that a total of approximately 24 cubic yards of soil was excavated from the fuel system area. However, the volume of the excavations in the fuel system area shown on Figure 6 of the report is approximately 75 cubic yards. Please clarify in the Response to Comments or Work Plan requested below, whether the extent of excavation shown on Figure 6 of the SCS Engineers 2003 report is correct and whether any excavated soil was used on-site rather than disposed off-site.
6. **Stoddard Solvents in KW-7.** The laboratory analyses for the groundwater sample collected in July 2003 noted the presence of Stoddard solvent/mineral spirit (SCS Engineers 2003). No sources of Stoddard solvent or mineral spirits were identified in the report. Please identify the potential sources of Stoddard solvent or mineral spirits and describe in the Response to Comments or Work Plan requested below, whether they have been evaluated.
7. **Source of Lead in Groundwater.** Lead was detected in groundwater samples from well KW-7 at concentrations up to 38 micrograms per liter ($\mu\text{g/L}$). Since lead is not a typical chemical of concern for fuel oil, please identify the source of lead in groundwater at the site. Please include this information in the Response to Comments or Work Plan requested below.
8. **Volume of Soil Excavated from Incinerator Area.** The Groundwater Monitoring Report, Soil Vapor Survey, and Source Removal Report (SCS Engineers, 2003) reports that a total of approximately 24 cubic yards of soil was excavated from the incinerator area. However, the volume of the excavations in the fuel system area shown on Figure 6 of the report is

approximately 60 cubic yards. Please clarify in the Response to Comments or Work Plan requested below, whether the extent of excavation shown on Figure 6 of the SCS Engineers 2003 report is correct and whether any excavated soil was used on-site rather than disposed off-site.

9. **Well Survey.** One water supply well was identified in the central portion of the site (Kleinfelder 1997). However, off-site wells do not appear to be discussed in reports for the site. ACEH requests that you locate all wells (monitoring and production wells: active, inactive, standby, decommissioned, abandoned and dewatering, drainage and cathodic protection wells) within ½ mile of the subject site. As part of your detailed well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Use the results of your background study to determine the existence of unrecorded/unknown (abandoned) wells, which can act as pathways for migration of contamination at and/or from your site. Please review historical sources such as Sanborn maps, aerial photos, etc., when performing the background study. Include appropriate photographic prints, in stereo pairs, of historic aerial photos used as part of your study. We also request that you list by date all aerial photographs available for the site from the aerial survey company or library you use during your study. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study. Please include the Well Survey in the Response to Comments or Work Plan requested below.
10. **Characterization of Incinerator Area.** Please provide a description of the incinerator used at the site, a discussion of the expected area over which ash was likely to have been deposited from the incinerator, and how bottom ash was disposed of. Confirmation soil samples were collected from the base of the excavated soil in the incinerator excavation area and analyzed for cadmium, chromium, lead, nickel, and zinc. In the Response to Comments or Work Plan requested below, please evaluate the need for additional soil samples outside the area of excavation to confirm that contaminated soil was removed over a sufficient area by excavation. Please also evaluate whether analyses for chemicals of concern beyond metals is needed. Present these evaluations in the Response to Comments or Work Plan requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **April 17, 2006** – Response to Comments and/or Work Plan for Site Investigation

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 jerry.wickham@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.

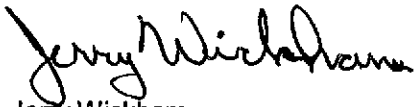
Ms. Lorraine Del Prado
January 31, 2006
Page 5

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) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: James Lehman
SCS Engineers
6850 Regional Street, Suite 240
Dublin, CA 94568-2920

Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

SCS ENGINEERS

July 28, 2003
File No.: 01203087.00

Ms. Eva Chu
Alameda County Health
Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-9335

Alameda County
JUL 31 2003
Environmental Health

**Subject: Second Quarter 2003 Groundwater Monitoring Report
Friesman Ranch Property, Livermore, California**

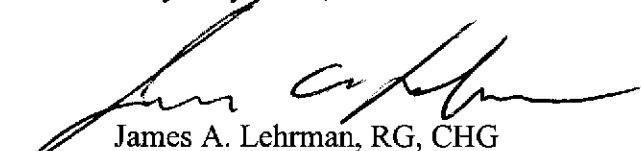
Dear Ms. Chu:

Attached is the Second Quarter 2003 Groundwater Monitoring Report for the Friesman Ranch Property, 1600 Friesman Road, Livermore, California (Site). The results of this report are consistent with the results of the previous groundwater monitoring events that have been performed at the Site, with chemicals of concern only being detected in monitoring wells KMW-6 and KMW-7. No chemicals of concern were detected in the other monitoring wells sampled (KMW-1 and KMW-8).

SCS Engineers is planning to perform the next groundwater monitoring event by the end of July, 2003. During this upcoming event, we plan to collect samples from monitoring wells KMW-1, KMW-6, KMW-7 and KMW-8, and analyze them for chemicals of concern.

We trust that the attached submittal meets your requirements. Should you require any additional information and/or clarification, please call.

Very truly yours,


James A. Lehrman, RG, CHG
Senior Technical Manager

Attachment

cc: Ms. Lorraine Del Prado, Children's Hospital Medical Foundation
Ms. Leah Goldberg, Hansen, Bridgett, Marcus, Vlahos and Rudy, LLP



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

RO0002484

June 2, 2003

Ms. Lorraine Del Prado
Children's Hospital & Research Center Foundation
5225 Dover Street
Oakland, CA 94609-1809

RE: 1600 Friesman Road, Livermore, CA

Dear Ms. Del Prado:

I have completed review of ATC's reports titled *Quarterly Groundwater Monitoring and Work Plan for Soil Vapor Survey*, both dated April 22, 2003 and prepared for the above referenced site. ATC's proposal to advance up to 12 soil vapor probes to collect vapor samples at 3 feet below ground surface is acceptable. Be advised, that a tight seal is required at the probe/surface soil interface to prevent ambient air cross-contamination.

Data from this investigation should be compared with the RWQCB's RBSLs and a determination made if residual contamination at the site poses a risk to human health or the environment. This interpretation should be included in the report documenting results of the soil vapor survey. The work plan should be implemented within 45 days of the date of this letter, or by July 21, 2003. Please provide at least 72 hours advance notice of field work.

If you have any questions, I can be reached at (510) 567-6762, or by email at echu@co.alameda.ca.us

eva chu
Hazardous Materials Specialist

c: Donna Drogos
email: James Lehrman, ATC
Leah Goldberg

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

RO0002484

March 3, 2003

Ms. Lorraine Del Prado
Children's Hospital & Research Center Foundation
5225 Dover Street
Oakland, CA 94609-1809

RE: 1600 Friesman Road, Livermore, CA

Dear Ms. Del Prado:

I have completed review of the site history and ATC's report of *Quarterly Groundwater Monitoring* dated December 27, 2002 for the above referenced site. ATC's report included a workplan for groundwater remediation and well destruction.

It is my opinion that remediation of groundwater may be premature at this time. Previous subsurface investigations identified up to 4,000 ppm TPHg in soil from boring KB-18 at 20 feet bgs, a boring advanced immediately adjacent to the Arroyo De Las Positas. A grab groundwater sample from boring KB-13 contained up to 38,000 ppb TPHg, 13,000 ppb TPHd, and 390 ppb benzene. It seems that the potential sensitive receptors at the site are the water supply well(s) and the creek.

At this time, the creek should be investigated to see if the petroleum hydrocarbon plume has impacted it. I have recommended to ATC that a staff member walk along the creek bed (upstream and downstream) and probe the soil (at approximately 11 to 20 feet bgs) with a stick to observe if odor, sheen or other evidence of petroleum hydrocarbon exists. Also, that a well survey be performed to identify all water supply wells within 2000 feet of the site. Water well pumping rate data, well logs, and geologic cross-sections should be provided to determine if groundwater pumping will drawn down the plume to impact any water supply wells.

The creek bed investigation and water well survey should be completed within 45 days of the date of this letter of by April 18, 2003. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

email: Leah Goldberg
Jim Lehrman

friesman ranch-7

Seng, Victoria, Env. Health

To: Chu, Eva, Env. Health

Subject: Payment for RO #2484

Eva,

I received a check of \$5,000.00 for RO #2484. I'll send you a copy of it. This payment will be applied to Invoice # IN0020987, amount of \$357.00. I don't want to give you the final balance yet because I try to run billing batch but there's an error in the system. Jason is contacting Decade for help. I will do it as soon as the system gets fixed.

Thanks.

Alameda County
FEB 18 2003
Environmental Health

Eva,

Who's the primary contact person regarding finance?

Children Hospital paid.

VS

006344

CHILDREN'S HOSPITAL MEDICAL CENTER FOUNDATION

INVOICE NO.	INVOICE DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET AMOUNT
RO0002484	12/27/02	1600 FRIESMAN, LAF <i>Livermore</i> <i>IN # 20987, AR # 0306010</i> <i>RO # 2484</i> <i>SLIC - 9444.16</i>	\$5,000.00	\$0.00	\$5,000.00
TOTALS			\$5,000.00	\$0.00	\$5,000.00

ENVIRONMENTAL HEALTH
 ADMINISTRATION
 06 FEB -6 PM 3:50

Children's Hospital
Medical Center Foundation

747 - 52nd Street, Oakland, CA 94609
(510) 428-3360

UNION BANK OF CALIFORNIA, N.A.
1970 FRANKLIN STREET
OAKLAND, CA 94612

11-49
1210

006344

CHECK DATE	CHECK NO.
01/30/03	06344

CHECK AMOUNT
*****\$5,000.00

PAY ** FIVE THOUSAND & 00/100 DOLLARS **

TO
THE
ORDER
OF

ALAMEDA COUNTY HEALTHCARE SVCS
ENVIRONMENTAL PROTECTION
1131 HARBOR BAY PARKWAY, #250
ALAMEDA, CA 94502-6577

Angie J. del Prado
Ann Marsh

⑈006344⑈ ⑆121000497⑆ 4091239444⑈

ALAMEDA COUNTY
ENVIRONMENTAL HEALTH
 P.O. BOX N, ALAMEDA, CA 94501-0108
 PHONE: (510) 567-6858

INVOICE
FINAL NOTICE

Account No.
 AR0306010

Invoice No. IN0020987
 Print Date 02/14/03

Invoice Amount Due
 \$ 357.00

RE :

5502, 5504
 TO : FRIESMAN RANCH
 1600 FRIESMAN RD
 LIVERMORE, CA 94550

If any changes, check box and complete the appropriate portion on the reverse side.

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
 P.O. BOX N
 ALAMEDA, CA 94501-0108

FOR PROPER PAYMENT POSTING, PLEASE RETURN TOP PORTION WITH YOUR PAYMENT

Account No: AR0306010 Invoice No: IN0020987

Invoice Date	Program/Element	Description	No. of Units/Hours	Unit/Hourly Rate	Amount
06/28/02	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.50/hr(s)	105.00/hr	\$ 52.50
06/25/02	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	1.00/hr(s)	105.00/hr	\$ 105.00
09/24/02	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.30/hr(s)	105.00/hr	\$ 31.50
03/21/01	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.30/hr(s)	105.00/hr	\$ 31.50
03/21/01	5504	SLIC ADMINISTRATIVE FEE	1.00/hr(s)	105.00/hr	\$ 105.00

INVOICE BALANCE DUE: \$ 357.00

PLEASE PAY IMMEDIATELY. IF FULL PAYMENT IS NOT RECEIVED WITHIN 30 DAYS, YOUR ACCOUNT WILL BE FORWARDED TO A COLLECTION AGENCY.

YOUR TOTAL ACCOUNT AGING INFORMATION:

1-30 Days	31-60 Days	61-90 Days	91-120 Days	Over 121 Days	Account Balance Total Due
\$ 0.00	\$ 0.00	\$ 0.00	\$ 31.50	\$ 325.50	\$ 357.00

FOR MORE INFORMATION, PLEASE SEE THE BACK OF THIS INVOICE.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

RO0002484

December 27, 2002

Children's Hospital Foundation
c/o Ms. Leah Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco, CA 94105-2173

Subject: Funds for Oversight at 1600 Freisman Rd, Livermore, CA

Dear Ms. Goldberg:

As you know, this office is overseeing site remediation due to petroleum hydrocarbons at the above referenced site. However, the initial deposit of \$2000.00 has been depleted. To date, a total of 22 hours have been charged to your account. A check made payable to "Alameda County, Treasurer" in the amount of \$5,000.00 should be submitted to reinstate your account and fund this Office's oversight tasks on your project. It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested. Or, any and all monies remaining in your account after the completion of the project will be refunded to you or your designee.

The deposit/refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$105 per hour.

Please be sure to write the following identifying information on your check or cover letter:
record ID # (RO0002484)
type of project (SLIC), and
site address (1600 Freisman Rd, Livermore)

If you have any questions, please contact me at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

LEAH S. GOLDBERG
ATTORNEY AT LAW
ENVIRONMENTAL LAW
DIRECT DIAL 415 995 5090
REPLY TO SAN FRANCISCO
E-MAIL lgoldberg@hansonbridgett.com

HANSON
BRIDGETT
MARCUS
VLACHOS
RUDY-LLP

December 17, 1999

Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: *1600 Friesman Road, Livermore, California*
File No. 14513.1

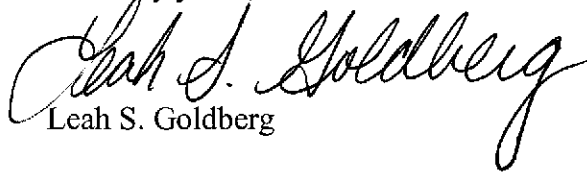
Dear Ms. Chu:

We represent Children's Hospital Oakland Foundation. As you may know, the Foundation does not own the above referenced property but was to receive it as a gift. Thus, to assess both the value and the desirability of the donation, the Foundation commenced a Phase I and Phase II environmental assessment. After contamination was identified, the Foundation drafted a Corrective Action Plan in anticipation of receipt of the property.

Recently, however, there has been some confusion regarding the title to this property and the Foundation may not in fact receive all of the property as a gift. Therefore, this letter is to inform you that until the title issues are resolved, the Foundation is not in a position to continue with the cleanup effort on this property. We have directed Kleinfelder to discontinue work on the Foundation's behalf pending resolution of the title and gift questions.

Please do not hesitate to call me with any questions or comments you may have.

Sincerely yours,



Leah S. Goldberg

cc: George Kwong
Neil Siler

LAW OFFICES

SAN FRANCISCO
333 MARKET STREET - 23RD FLOOR
SAN FRANCISCO - CA 94105-2173
TELEPHONE 415-777-3200
FACSIMILE 415-541-9366
EMAIL HANSON@HBMVR.COM

MARIN
80 E. SIR FRANCIS DRAKE BLVD - SUITE 3E
LARKSPUR - CA 94939
TELEPHONE 415-925-8400
FACSIMILE 415-925-8409
EMAIL GGCIACOMINI@HBMVR.COM

ENVIRONMENTAL
PROTECTION
99 DEC 21 AM 10:28

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)

StID 6602

September 27, 1999

Ms. Leah Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco, CA 94105-2173

RE: Bio-parameters at 1600 Friesman Road, Livermore, CA

Dear Ms. Goldberg:

I have completed review of Kleinfelder's September 1999 *Second Quarter Groundwater Monitoring Report* prepared for the above referenced site. Groundwater samples were collected from wells MW-6, MW-7 and MW-8. Wells MW-6 and MW-7 continue to contain elevated levels of TPHg, TPHd, and benzene.

At this time, it should be determined if natural biodegradation can be enhanced at the site with the use of an Oxygen Releasing Compound (ORC). For this determination, groundwater should be collected from all onsite wells and the following bio-parameters measured: dissolved oxygen, oxidation-reduction potential, nitrate, sulfate, ferrous iron, and alkalinity. This work should be conducted with 60 days of this letter, or **by December 1, 1999**.

If site specific conditions support aerobic biodegradation, it is recommended that injection of ORC be conducted at the site.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

email: Neal Siler (nsiler@kleinfelder.com)

freisman ranch-6

99 SEP 23 PM 2:25

September 21, 1999
File No.: 10-3006-13/13

Ms. Eva Chu
Alameda County Health
Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-9335

• These & ORe into MW-7 and MW-8
• have bio parameters been
been analyzed (DO, NO₃, Fe, SO₄
ORP)

**Subject: Second Quarter Groundwater Monitoring Report for Friesman Ranch
Property, Livermore, California**

Dear Ms. Chu:

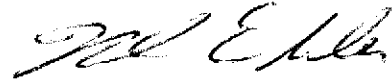
Attached is the Second Quarter 1999 Groundwater Monitoring Report for the Friesman Ranch Property, 1600 Friesman Road, Livermore, California (site). This is the first groundwater monitoring event in which only a subset of the wells and not all of the wells have been monitored. The results of this report are consistent with the results of the previous groundwater monitoring events that have been performed at the site, with chemicals of concern only being detected in monitoring wells KMW-6 and KMW-7. No chemicals of concern were detected in the other well sample collected (KMW-8).

Kleinfelder, Inc. performed the third quarter 1999 groundwater monitoring event on September 16, 1999. During this event, we collected samples from wells KMW-6, KMW-7 and KMW-8 and are analyzing them for chemicals of concern. Only wells KMW-6 and KMW-7 will be analyzed for polynuclear aromatic hydrocarbons

We trust that the attached submittal meets your requirements. Should you require any additional information and/or clarification, please call.

Very truly yours,

KLEINFELDER, INC.



Neal E. Siler, R. E. A.
Project Manager

Attachment

cc: Mr. George Kwong, Children's Hospital Medical Foundation
Ms. Leah Goldberg, Hansen, Bridgett, Marcus, Vlahos and Rudy, LLP

nsiler@kleinfelder.com

CENTRAL DISTRICT-

ID:227-7600

need logs/construction details for 3 wells.

- 351E2P3
- 351E2N2
- 351E3N3

State of California
 Department of Water Resources
 Central District
 3251 S Street
 Sacramento, CA 95816-7017

**WELL DRILLER'S REPORTS
 INSPECTION REQUEST AND AGREEMENT**

Project: Friesman Ranch
 Location: 1600 Friesman Road
 County: Livermore-Alameda County Contract Number: _____

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

Klentfelder, Inc.
 Contracted Agent
7133 Koll Center Pkwy #100
 Address
Pleasanton, CA 94566
 City, State, & Zip Code

Alameda County - Environmental Health
 Governmental Agency
1131 Harbor Bay Parkway
 Address
Alameda, CA 94502
 City, State, & Zip Code

By Lita D. Freeman
 Officer
Project Manager
 Title

By Eva Chen
 Officer
Haz Mat Specialist
 Title

925 484-5817 X203
 Telephone
Fax 925-484-5838
6-22-99
 Date

(510) 567-6762
 Telephone
6/23/99
 Date

(For Departmental Information: _____ copies sent)

Post-It® Fax Note	7671	Date	9/16/99	Pages	1
To	LITA FREEMAN	From	Eva Chen		
Co./Dept.		Co.	DESH		
Phone #					

KLEINFELDER

A Consulting engineering firm providing Environmental, Geotechnical, Materials Testing and Construction Management services since 1961.

TO: Eva Chu
Name

FROM: Lita Freeman

Alameda County Health Dept
Company

PROJECT NAME: _____

Address

PROJECT NO: _____

(510) 337-9335
Fax Number

DATE: 6/22/99

1
Total Pages: (Including Cover Sheet)

SENT BY: LDF

Original Will Follow
 Original Will Not Follow

Comments:

Eva,

This is the form I need signed to have Ann Roth at the Department of Water Resources release well logs/construction details to me. Please call me at (925) 484-5817 X203 if you need additional information.

Thanks, Lita

7133 Koll Center Parkway, Suite 100 Pleasanton, CA 94566
(925) 484-1700 (TEL) (925) 484-5838 (FAX) www.kleinfelder.com



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)

StID 6602

June 15, 1999

Ms. Leah Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco, CA 94105-2173

RE: QMR at 1600 Friesman Road, Livermore, CA

Dear Ms. Goldberg:

I have completed review of Kleinfelder's June 1999 *Quarterly Groundwater Monitoring Report, First Quarter 1999* prepared for the above referenced site. This report summarized groundwater sampling of eight onsite monitoring wells and the adjacent creek. Groundwater analytical results identified hydrocarbon contaminants and naphthalene in wells KMW-6 and KMW-7. The other wells and the creek did not contain contaminants above the laboratory detection limits.

At this time the sampling of wells KMW-1 through KMW-5 may be discontinued. But quarterly monitoring of wells KMW-6 through KMW-8 should continue. Also, there are at least three water supply wells (3S/1E2P3, 3S/1E2N2, and 3S/1E3N3) within 2,000 feet of the site. A well survey should be conducted to determine if contaminants in the shallow aquifer could impact the water supply wells.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Neal Siler
Kleinfelder
7133 Koll Center Pkwy, Suite 100
Pleasanton, CA 94566-3101

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

StID 6602

March 5, 1999

Ms. Leah Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco, CA 94105-2173

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

RE: Groundwater Sampling at 1600 Friesman Road, Livermore, CA

Dear Ms. Goldberg:

I have completed review of Kleinfelder's February 1999 *Well Installation and Quarterly Groundwater Monitoring Report* prepared for the above referenced site. That report summarized the installation of a groundwater monitoring well (KMW-7) by the metal shed that had stored a heating oil tank, and another well downgradient of the contaminant plume. All onsite groundwater monitoring wells were sampled for petroleum hydrocarbon constituents. Only groundwater from Wells KMW-6 and KMW-7 contained elevated levels of contaminants.

At this time, a quarterly monitoring schedule should be implemented for the site. Groundwater should be analyzed for TPHg, TPHd, BTEX, and MTBE. In addition, water from Wells KMW-6 and KMW-7 should be analyzed for PAHs and soluble lead. Groundwater should be passed through a silica gel cleanup prior to the use of Method 8015 analysis for TPHd. And groundwater should be filtered with a 0.45-micron filter prior to analysis for lead.

Groundwater monitoring well KMW-7 is located adjacent to Arroyo de Las Positas. Petroleum hydrocarbons identified in groundwater have the potential to impact the creek. Therefore, water samples should be collected from Arroyo de Las Positas at points upgradient of, adjacent to, and downgradient of KMW-7. The creek samples should be analyzed for TPHg, TPHd, BTEX, MTBE. *And PAHs*

Technical summary reports documenting each well/creek sampling and monitoring episode are due 60 days upon completion of field activities. The reports should include a table of historic groundwater analytical results. Data collected will be incorporated into an ecological risk analysis in the near future. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Neal Siler, Kleinfelder, 7133 Koll Center Pkwy, Suite 100, Pleasanton, CA 94566

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)

StID 6602

December 14, 1998

Ms. Leah Goldberg
Hanson Bridgett
333 Market St, 23rd Floor
San Francisco, CA 94105-2173

RE: Workplan Approval for 1600 Friesman Rd, Livermore, CA

Dear Ms. Goldberg:

I have completed review of Kleinfelder's November 1998 *Well Installation and Groundwater Monitoring Workplan* prepared for the above referenced site. The proposal to install two additional groundwater monitoring wells at the site is acceptable. Groundwater will be analyzed for TPHg, TPHd, BTEX, MTBE, PAH, and total soluble lead.

Field activities should commence within 60 days of the date of this letter. Please notify this agency at least 72 hours prior to the start of field work. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Neal Siler, Kleinfelder, 7133 Koll Center Parkway, Suite 100, Pleasanton,
CA 94566

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)

StID 6602

July 29, 1998

Ms. Leah Goldberg
Hanson Bridgett
333 Market St, 23rd Floor
San Francisco, CA 94105-2173

RE: Additional Investigations at 1600 Freisman Rd, Livermore, CA

Dear Ms. Goldberg:

I have completed review of Kleinfelder's October 1997 "Remedial Investigation, RBCA Tier 2 Evaluation and Remedial Action Plan" report prepared for the above referenced site. This report documents field activities performed from August through September 1997. The limited soil and groundwater investigation included the advancement of soil borings to collect soil and groundwater samples. Six borings were converted into groundwater monitoring wells. Petroleum hydrocarbons have been identified in soil and groundwater in the vicinity of boring KB-2, KB-10, KB-11, KB-13, and KB-18.

In addition, a Tier 1 and Tier 2 Risk Based Corrective Action (RBCA) evaluation was performed using maximum contaminant concentrations detected in soil and groundwater. Kleinfelder concluded that residual contamination may pose an adverse human health risk in excess of one in one million. The RBCA assessment is very conservative and can be modified when additional site specific data is collected.

At this time, as recommended by Kleinfelder, a groundwater monitoring well should be installed east of boring KB-13 and another approximately 50' to 100' northwest of well KMW-8. A quarterly groundwater monitoring schedule should be implemented at this site to verify plume extent and stability, and flow direction. Groundwater should be analyzed for TPHg, TPHd, BTEX, MTBE, PAHs, and total soluble lead. If PAHs and lead are not detected, their analyses may be discontinued in subsequent sampling events.

A work plan should be submitted for the installation of the additional wells. Quarterly groundwater monitoring can commence after the new wells are completed. Finally, reference was made of a July 1997 Phase I Environmental site Assessment report. Please provide a copy of this report so that I would not require you to perform work that may already have been done in the past.

Leah Goldberg
re: 1600 Freisman Rd, Livermore
July 29, 1998
Page 2 of 2

If you have any questions, I can be reached at (510) 567-6762.



eva chu
Hazardous Materials Specialist

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)

StID 6602

May 27, 1998

Children's Hospital Foundation
c/o Ms. Leah Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco, CA 94105-2173

Subject: Funds for Oversight at 1600 Freisman Rd, Livermore, CA

Dear Ms. Goldberg:

This office is in receipt of Kleinfelder's October 1997 "Remedial Investigation RBCA Tier 2 Evaluation and Remedial Action Plan" report for the above referenced site. Before this office can oversee site remediation/evaluation of contamination at the site, a deposit/refund account must be established. A check made payable to "Alameda County, Treasurer" in the amount of \$2,000.00 should be submitted to establish your account and fund this Office's oversight tasks on your project. It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested. And, any and all monies remaining in your account after the completion of the project will be refunded to you or your designee.

The deposit/refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

Stid #
type of project, and
site address

If you have any questions, please contact me at (510) 567-6762.

Sincerely,

A handwritten signature in black ink, appearing to read 'eva chu', written over a horizontal line.

eva chu
Hazardous Materials Specialist

LEAH S. GOLDBERG
ATTORNEY AT LAW
DIRECT DIAL 415 995 5090
E-MAIL lgoldberg@hansonbridgett.com

HANSON
BRIDGETT
MARCUS
VLACHOS
RUDY-LLP

May 19, 1998

Scott Seery
Alameda County Healthcare Services Agency
Department of Environmental Health
1131 Harper Bay Parkway, 2nd Floor
Alameda, California 94502

5/19/98
Freisman Ranch Property
1600 Freisman Rd
Livermore 94550

Re: Property Located at 1600 Freisman Road, Livermore, California

Dear Mr. Seery:

This letter is to inform you that during a due diligence investigation in preparation for a charitable donation of an interest in the above referenced real property, elevated levels of petroleum hydrocarbons as gasoline and as diesel were identified in the soil and ground water on the property. It appears that the contamination resulted from a former above-ground storage tank.

We previously sent notification of our findings to the Livermore-Pleasanton Fire Department and to the Regional Water Quality Control Board. Pursuant to a request by Danielle Stefani with the Livermore-Pleasanton Fire Department, we are sending a copy of the "Remedial Investigation, RBCA Tier 2 Evaluation and Remedial Action Plan, Friesman Ranch Property Livermore, California" to you for your review. This document details the environmental investigation conducted on the property. The environmental consultant, Kleinfelder, is in the process of drafting a work plan in furtherance of the Remedial Action Plan.

Thank you for reviewing the Remedial Action Plan. Please do not hesitate to telephone me with any questions or comments you have regarding the enclosed materials.

Sincerely yours,

Leah S. Goldberg
Leah S. Goldberg

LSG:lg
Enclosure
cc: Neil Siler, KJ
George Kwo
Michael A. J

*Eva-
I got wind of this 5/20
1 week from Danielle (P-L)
Looks like it is one proper
contiguous to Livermore A
Golf course, etc., and is per
the old dairy formerly on
Freisman Rd, off El Chero
Do we have an account for
a related project already?
Do you want to cook
this? If no \$ already
available, someone (and
I'm not whom) should be
asked for deposit.
Let me know ASAP.
S.*

LAW OFFICES

SAN FRANCISCO
333 MARKET STREET - 23RD FLOOR
SAN FRANCISCO - CA 94105-2173
TELEPHONE 415-777-3200
FACSIMILE 415-541-9366
email: sf@hansonbridgett.com

LARKSPUR - CA
TELEPHONE 415-925-8400
FACSIMILE 415-925-8409
marin@hansonbridgett.com

LIVERMORE-PLEASANTON FIRE DEPARTMENT

May 8, 1998

Leah S. Goldberg
Hanson Bridgett
333 Market Street, 23rd Floor
San Francisco CA 94105-2173

Subject: Property located at 1600 Freisman Road, Livermore

Dear Ms. Goldberg:

Thank you for the submission of the document entitled "Remedial Investigation, RBCA Tier 2 Evaluation and Remedial Action Plan, Freisman Ranch Property, Livermore, California"

The oversight of contamination cases of this type is handled by the Alameda County Health Care Services Agency, Department of Environmental Health. We have referred this case to that office. Please send a copy of this report to:

Scott Seery
Alameda County Health Care Services Agency
Dept. of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

If you have any questions please call me at (925) 454-2338.

Sincerely,



Danielle Stefani
Hazardous Materials Coordinator

cc: Scott Seery

FIRE ADMINISTRATION
4550 East Avenue
Livermore, CA 94550
(510) 454-2361

FIRE PREVENTION
4550 East Avenue
Livermore, CA 94550
(510) 454-2362

TRAINING DIVISION
3301 Busch Road
Pleasanton, CA 94566
(510) 454-2320