

Wickham, Jerry, Env. Health

To: Ricky Bradford
Cc: 'Robert F. Flory'; 'Peter McIntyre'
Subject: RE: Omega Termite - 807 75th Avenue, Oakland

Ricky,

Your proposal to not collect groundwater samples during the second quarter 2007 is acceptable.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 fax
jerry.wickham@acgov.org

From: Ricky Bradford [<mailto:rbradford@aeiconsultants.com>]
Sent: Monday, April 30, 2007 11:47 AM
To: Wickham, Jerry, Env. Health
Cc: 'Robert F. Flory'; 'Peter McIntyre'
Subject: Omega Termite - 807 75th Avenue, Oakland

Jerry:

I wanted to send you a follow-up email regarding ozone remediation, the groundwater monitoring schedule, and other vapor intrusion concerns at the subject site.

Since our conversation, we have completed the installation of the sub-membrane depressurization (SMD) system. The SMD system removes hydrocarbon vapors before they can collect in the crawl space and migrate into the main building. Large vertical fractures in the soils were readily identified in the crawl space but have not been evident during past drilling onsite. However, this may help explain the contaminant distribution between shallow, intermediate, and deep zones onsite. Refer to the attached photos.

Prior to this, we attempted direct crawl space ventilation as the more-simple and cost-effective engineering control. However, it soon became evident that there were too many dead spaces and a SMD would be necessary. The main difference is that a SMD system incorporates a vapor barrier, such as a 6 mil polyethylene liner, installed over a network of slotted extraction pipes, whereas a direct crawlspace ventilation system uses slotted pipe without a vapor barrier. Direct crawl space ventilation attempts to grab the vapors from the crawl space air and sub-membrane depressurization prevents vapors from making into the crawl space.

Description and details of the SMD system will be provided in the upcoming system installation and startup report. The ozone sparging system is currently off (as it has been for the last three to four weeks) and will be restarted this week in conjunction with the SMD system. The performance of the SMD system will also be tested and evaluated at this time. Interlocks will be installed to shutdown the ozone sparger if the SMD system fails. The Bay Area Air Quality Management District will also be contacted to discuss the SMD system operations and possible permitting requirements.

AEI also proposes to cancel the 2nd Quarter, 2006 groundwater monitoring event as it will not provided any further useful information regarding baseline site conditions that are not already known. Please respond if you also concur with this recommendation.

Best Regards,

5/1/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

August 11, 2006

Mr. Allen Kanady
Omega Termite
807 75th Avenue
Oakland, CA 94621

Subject: Fuel Leak Case No. [REDACTED], Omega Termite, 807 75th Avenue, Oakland, CA –
Work Plan Approval

Dear Mr. Kanady:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Well and Ozone Micro-Sparge System Installation Work Plan," dated July 31, 2006 and prepared on your behalf by AEI Consultants. The Work Plan proposes the installation of two additional deeper zone monitoring wells and an ozone sparging system. Two separate zones of soil and groundwater contamination have been identified at the site. Low flow ozone sparging is proposed at depths of approximately 17 feet bgs (shallow zone) and 35 feet bgs (deeper zone). We concur with the proposed scope of work.

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

TECHNICAL REPORT REQUEST

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

- **November 15, 2006** - Quarterly Monitoring Report for the Third Quarter 2006
- **December 15, 2006** – Start-Up Report
- **February 15, 2007** - Quarterly Monitoring Report for the Fourth Quarter 2006

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

ELECTRONIC SUBMITTAL OF REPORTS

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

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PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

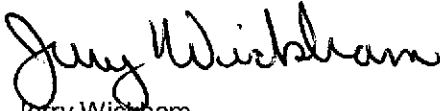
AGENCY OVERSIGHT

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.

Allen Kanady
August 11, 2006
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: Robert Flory
AEI Consultants
2500 Camino Diablo Blvd., Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



Rosof

August 4, 2006

Alameda County
AUG 09 2006
Environmental Health

I declare, under penalty of perjury, that the information and/or recommendation contained in the attached document or report is true and correct to the best of my knowledge.

Regards,

A handwritten signature in black ink, appearing to read "Allen G. Kanady, Jr.", written over a horizontal line.

Allen G. Kanady, Jr.
President
Omega Termite Control, Inc.

Wickham, Jerry, Env. Health

From: Robert F. Flory [rflory@aeiconsultants.com]
Sent: Tuesday, June 13, 2006 11:41 AM
To: Wickham, Jerry, Env. Health
Subject: Omega Termite, 807 75th Ave, Oakland - Request for WP dated 5/25/06
Attachments: TW-5 Damage 2.jpg

Jerry,

I have a couple questions regarding the above referenced site. Your item 3, requests a proposal for pilot testing for the ozone technology. The only simple way to do a pilot is to install a number of sparge points and rent a system for 3 or so months. The cost to do this is about 80% of a fully installed system. Three to four months rental of a system package will cost as much as buying the system out right. The Hydrocarbon decline in TW-5 is a clear response to the increase in oxygen in that tank pit and indicates that oxygenation will work; ozone should do the job in months not years.

We can install a system and install several dual point systems (one point at 30 feet bgs and one at around 15 feet bgs in a single 8-inch boring) and run it for 2-3 months, do an evaluation and the add more sparge points. We have a system running at Cruise America not far away, 796 66th Avenue. It has worked beautifully there despite the tight sediments and the high organics and peat that should be acting as ozone and oxygen sinks. I can always use the ozone generating system else where.

I'll include a section in the workplan for installing a limited number of sparge points (days worth of drilling), and a sampling program to show the response in the adjacent well. The sparge points will have to be installed in areas with only dissolved hydrocarbons. We'd have to oxidize all the LNAPL before any analytical results would be meaningful and could show any clear trend. It is unlikely that could be done in a couple of months. I'll also include a section on installing additional sparge points.

Some comments regarding the other two points/questions. I'll expand on these comments in the WP.

No one knew the fourth tank was there, so I doubt if anyone really knew what the second and third tanks held. I assume one of them was used for diesel, no other source is apparent and the tank pit is the center of the shallow plume TPH-d plume. Since late 2001, TW-5 has had higher TPH-d than TPH-g concentrations. The September 2001 TPH-d concentration of 2,700,00 ug/L is pretty indicative of a source in that area. The concentration of 680 ug/L at the most recent sampling event shows what increasing the oxygen levels can do.

Regarding how the free product got to the lower aquifer when the static water is 20 feet higher. The static water is not that high except during the rained part of the winter. Boring SB-14, which was drilled in October before the wet season, had a static water level of 20.5 feet bgs. That was some 10 feet below the shallow zone water level. I am assuming the water level in the deep wells will drop significantly as the summer progresses. The shallow aquifer appears to alternately feed into the creek or be fed by the creek, hence the variable flow directions in the shallow aquifer. The downward conduit is likely vertical fracturing which is pretty ubiquitous in most areas as Cherry's work has shown. There may not be enough data to properly address this point till later in the summer. I'll have my tech swing by the site as time allows gauging a couple of the wells. We are scheduled to sample the site this week.

Also I've attached is a picture taken of TW-5. It appears that truck traffic has collapsed the box. The top of the casing is chipped and the casing is buckled. I assume that means the integrity of the whole well is compromised. I'd like to destroy it or if you want to keep the sampling point, drop a 1" (or 3/4" if necessary) casing into what is left then sand and seal the smaller casing in side the existing 4" casing. The box can be reset in a larger chunk of concrete. The area is still unpaved so trying to get a seal around that backfill well is somewhat of a futile exercise.

Robert F. Flory, PG
AEI Consultants, Inc
925-944-2899

6/13/2006

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

May 25, 2006

Mr. Allen Kanady
Omega Termite
807 75th Avenue
Oakland, CA 94621

Subject: Fuel Leak Case No. [REDACTED] Omega Termite, 807 75th Avenue, Oakland, CA

Dear Mr. Kanady:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Deeper Aquifer Soil & groundwater Investigation Report," dated April 28, 2006 and prepared on your behalf by AEI Consultants. The report presents the results of soil and groundwater sampling conducted at the site in February and March 2006. Based on the sampling results, the report recommends continued groundwater monitoring, installation of two deeper zone monitoring wells, and remediation by ozone sparging. ACEH concurs with continued groundwater monitoring and the proposed installation of two additional monitoring wells in the deeper zone. Please submit a Work Plan **by July 28, 2006** for the proposed well installation.

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

TECHNICAL COMMENTS

1. **Total Petroleum Hydrocarbons as Diesel.** The fuel hydrocarbons detected in numerous groundwater samples, particularly most groundwater samples collected from the deeper zone, consist primarily of total petroleum hydrocarbons in the diesel range. Three of the four tanks removed from the site were reportedly used for gasoline storage. The history of use of the fourth tank was not reported. The laboratory reports for the groundwater sample collected from well MW-9 indicates that, "unmodified or weakly modified diesel is significant." Please review and discuss in the Work Plan requested below, the suspected source of diesel fuel at the site. Please propose activities to test this hypothesis, as appropriate.
2. **Immiscible Layer in Water Sample from Well MW-9.** An immiscible layer was observed in the groundwater sample collected from well MW-9, which is screened from 25 to 30 feet bgs. An immiscible layer was also observed in a grab groundwater sample collected approximately 30 feet bgs at sampling location SB-14. The static water level in the shallow groundwater zone is approximately 5 feet bgs. Please discuss in the Work Plan requested below, the suspected mechanism by which an immiscible layer was present in groundwater collected approximately 20 to 25 feet below the static water level.

3. **Pilot Testing.** Please propose pilot testing, as necessary, to assess the performance of the recommended cleanup technology, ozone sparging. Please present plans for pilot testing in the Work Plan requested below.

TECHNICAL REPORT REQUEST

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

- **July 28, 2006** – Work Plan
- **August 15, 2006** - Quarterly Monitoring Report for the Second Quarter 2006
- **November 15, 2006** - Quarterly Monitoring Report for the Third Quarter 2006

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

ELECTRONIC SUBMITTAL OF REPORTS

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letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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: Robert Flory
AEI Consultants
2500 Camino Diablo Blvd., Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



ROTOS

May 15, 2006

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.

Regards,

Allen G. Kanady, Jr.
President
Omega Termite Control, Inc.

2006 MAY 13 PM 1:50

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 5, 2006

Allen Kanady
Omega Termite
807 75th Avenue
Oakland, CA 94621

Subject: Fuel Leak Case M [REDACTED] Omega Termite, 807 75th Avenue, Oakland, CA –
Work Plan Approval

Dear Mr. Kanady:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Work Plan for Characterization of Second Aquifer." The Work Plan proposes a scope of work that includes the installation of five monitoring wells to delineate the northern extent of soil and shallow groundwater contamination and the extent of contamination in a lower aquifer throughout the site. ACEH concurs with the proposed scope of work provided that technical comments 1 and 2 below are addressed during the field investigation.

ACEH previously requested that a preferential pathway and well survey be included with the Work Plan; however, a preferential pathway and well survey has not been completed for the site. Please conduct the preferential pathway and well survey, which is described in the technical comments and present the results in the Soil and Groundwater Investigation Report requested below. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Depth of Proposed Shallow Well MW-6.** Please use the continuous samples to be collected in the boring for proposed shallow well MW-6 to adjust the screen interval upward if necessary, to avoid screening the well across two separate water-bearing units. The proposed depth of shallow monitoring well MW-6 is 18 feet below ground surface (bgs). The base of the shallow aquifer was apparently encountered in Boring SB-14 at a depth of approximately 14 feet bgs. A saturated clayey sand zone was encountered in boring SB-14 at a depth of approximately 19 to 20 feet bgs. The clayey sand zone encountered at approximately 19 to 20 feet bgs may be a separate water-bearing zone from the shallow aquifer. Proposed well MW-6 is not to be screened across two potentially separate water-bearing units.
2. **Well Construction.** Existing monitoring wells at the site were constructed with 0.02-inch slot size screens. The Work Plan proposes the use of 0.010-inch factory slotted screens. The selection of 0.010-inch slotted well screens is not consistent with the coarse-grained soils that

are expected to be encountered in the second aquifer. Please revise the slot size as necessary based on the types of soils within the screen intervals for the wells.

3. **Table 1 – Well Construction Details.** In future documents, please correct the values for the filter pack intervals on Table 1. The current values shown on the table represent the combined depth intervals for the grout and bentonite seals.
4. **Preferential Pathways and Well Survey.** Please evaluate whether any potential preferential pathways may exist at the site. The preferential pathway study shall include a well survey of all wells (monitoring and production wells: active, inactive, standby, decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); and dewatering, drainage, and cathodic protection wells) within a 1/2-mile radius of the subject site. Please review historical maps such as Sanborn maps, aerial photos, etc., when performing the background study. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Include appropriate prints 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. Refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study. Please identify any sensitive receptors near the site. The evaluation of preferential pathways and well survey are to be included in the Work Plan requested below
5. **Cross Sections.** The two cross sections included in the Work Plan were very useful for reviewing site conditions. Please update or supplement these cross sections with additional data collected during the proposed investigation and present the updated cross sections in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

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

- **May 10, 2006** – Soil and Groundwater Investigation Report
- **60 days after ACEH comments on Soil and Groundwater Investigation Report – Corrective Action 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.

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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

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UNDERGROUND STORAGE TANK CLEANUP FUND

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AGENCY OVERSIGHT

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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: Robert Flory
AEI Consultants
2500 Camino Diablo Blvd., Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R0508



AEI CONSULTANTS
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597
PHONE: (925) 283-6000
(800) 801-3224
FAX: (925) 283-6121

Date: Tuesday, December 20, 2005

From ~~To:~~ **Jerry Wickham**
Alameda County Env. Health Services
Phone: 510-567-6791
Fax: 510-337-9335

To: ~~From:~~ **Robert F. Flory Ext 122**

Pages: 2, including this cover page

Subject: Well Completion Report release

Please Sign and return ASAP. One of our staff will be going to Sacramento on Thursday.

Thanks
RFF

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
3251 S Street
Sacramento, CA 95816
(916) 227-7632
(916) 227-7800(Fax)

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

SAN JOAQUIN DISTRICT
3374 East Shields Avenue
Fresno, CA 93726
(559) 230-3300
(559) 230-3301 (Fax)

SOUTHERN DISTRICT
770 Fairmont Avenue
Glendale, CA 91203
(818) 543-4800
(818) 543-4804 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT--AGENCY
(Government and Regulatory Agencies and their Authorized Agents)

Project/Contract No. Omega Termito County Alameda

Township, Range, and Section T2S R3W Sec 16 SE 1/4 Radius 1 mile

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

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to (check one):

Make a study, or,

Perform an environmental cleanup study associated with an unauthorized release of a contaminant within a distance of 2 miles.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

AEI Consultants
Robert F Flory
Authorized Agent

Jerry Wickham
Alameda County Environmental Health
Government or Regulatory Agency

2500 Camino Diablo
Address

1131 Harbor Bay Parkway
Address

Walnut Creek CA 94597
City, State, and Zip Code

Alameda, CA 94502
City, State, and Zip Code

Signature [Signature]

Signature [Signature]

Title Senior Geologist

Title Hazardous Materials Specialist

Telephone (925) 944-2899

Telephone (510) 567-6791

Fax (925) 944-2895

Fax (510) 337-9335

Date 12/20/05

Date 12/20/05

E-mail RFlory@AEIConsultants.com

E-mail jerry.wickham@acgov.org

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

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September 19, 2005

Allen Kanady
Omega Termite
807 75th Avenue
Oakland, CA 94621

Subject: Fuel Leak Case No. [REDACTED], Omega Termite, 807 75th Avenue, Oakland, CA

Dear Mr. Kanady:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the most recent report entitled, "Groundwater Monitoring Report, Third Quarter, 2005" dated August 12, 2005 and prepared on your behalf by AEI Consultants. ACEH is concerned with the elevated concentrations of fuel hydrocarbons that have been detected in groundwater at the site. In particular, the concentrations of fuel hydrocarbons detected in groundwater have increased over time in several of the monitoring wells. This indicates that a significant source of petroleum hydrocarbons remains at the site that will require cleanup.

The extent of petroleum hydrocarbons in the lower water-bearing zone at the site has not been delineated. Elevated concentrations of fuel hydrocarbons were detected in the groundwater sample collected from boring SB-14 at a depth of 28 feet below ground surface. ACEH requests that a Work Plan be prepared to complete delineation of soil and groundwater contamination.

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

TECHNICAL COMMENTS

1. **Site Characterization.** The lateral and vertical extent of soil and groundwater contamination at the site has not been fully defined. Please present plans to fully define the lateral and vertical extent of soil and groundwater contamination at the site in the Work Plan requested below.
2. **Results from October 9 and 10, 2003 Investigation.** A site investigation consisting of seven direct push borings was conducted at the site on October 9 and 10, 2003. A report presenting the results of this investigation has apparently not been submitted to ACEH. Please provide a report with the results of this investigation or present the results of the October 9 and 10, 2003 investigation in the Work Plan requested below. Presentation of these results is to include all necessary tables, figures, and appendices required to fully document the investigation.

3. **Sampling Location Map and Cross Sections.** Please include a map showing all previous sampling locations and a minimum of one cross section for the site. The cross section(s) are to be added to illustrate the lateral and vertical extent of soil layers, where groundwater was first encountered in borings and the static water levels, observations of free product, staining, and odor, and sample locations and results. Please include the sampling location map and cross section(s) in the Work Plan requested below.
4. **Preferential Pathways and Well Survey.** Please evaluate whether any potential preferential pathways may exist at the site. The preferential pathway study shall include a well survey of all wells (monitoring and production wells: active, inactive, standby, decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); and dewatering, drainage, and cathodic protection wells) within a 1/2-mile radius of the subject site. Please review historical maps such as Sanborn maps, aerial photos, etc., when performing the background study. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Include appropriate prints 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. Refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study. Please identify any sensitive receptors near the site. The evaluation of preferential pathways and well survey are to be included in the Work Plan requested below
5. **Geotracker EDF Submittals.** 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 system 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 to sub-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB GeoTracker system via the internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports is also required in Geotracker (in PDF format). Please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's GeoTracker database website in accordance with the above-cited regulation by **November 4, 2005**.

TECHNICAL REPORT REQUEST

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

- **November 22, 2005 – Work Plan for Soil and Groundwater Investigation and Results from October 9 and 10, 2003 Investigation**
- **120 days after ACEH approval of Work Plan – Soil and Groundwater Investigation Report**

- **60 days after ACEH comments on Soil and Groundwater Investigation Report – Corrective Action 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

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to 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 Instructions." 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. 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 monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board 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.

UNDERGROUND STORAGE TANK CLEANUP FUND

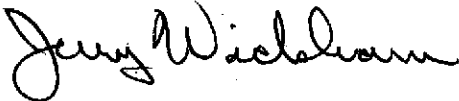
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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: Robert Flory, AEI Consultants, 2500 Camino Diablo Blvd., Suite 200, Walnut Creek, CA
94597

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 5, 2002

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

Mr. Allan Kanady
Omega Termite Control
807 75th Ave.
Oakland, CA 94621

Dear Mr. Kanady:

Subject: Fuel Leak Case No. RO0000508, Omega Termite Control, 807 75th Ave., Oakland,
CA 94621

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the case file up to and including the October 14, 2002 Quarterly Groundwater Monitoring and Sampling Report prepared by AEI Consultants, your consultant. We request that you address the following technical comments and submit the technical reports requested below.

Technical Comments:


- Our office last wrote to you in my June 28, 2002 letter wherein I requested that you submit a RAP/FS and additional site investigation plan by August 16, 2002. To date, our office has not received the requested technical report.
- The October 14, 2002 report did not include a summary table of groundwater monitoring data. Please ensure that this is included in all monitoring reports.
- Figure 2 in the October 14, 2002 reported an error for groundwater concentrations in MW-1. Please correct this error and submit a corrected Figure 2.
- Because of the elevated TPH concentrations exhibited in TW-5, our office requests you begin interim remediation in this well. Measures such as well over-purging, chemical oxidation, enhanced bio-remediation, oxygenation et al should be considered.

Technical Report Request:

- November 20, 2002- Provide summary analytical table and corrected Figure 2.
- December 5, 2002- Implement an approved interim remediation program in TW-5
- December 19, 2002- Submit the previously requested RAP/FS and site investigation work plan.

Please note that delays in investigation, late or non-submitted reports may results in your becoming ineligible for the Underground Storage Tank Cleanup Fund. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,


Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157

2ndrprq807 75th

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

June 28, 2002
RO0000508

Mr. Allan Kanady
Omega Termite Control
807 75th Ave.
Oakland, CA 94621

Dear Mr. Kanady:

Subject: Fuel Leak Case, Omega Termite Control, 807 75th Ave., Oakland, CA 94621

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the case file up to and including the June 19, 2002 Quarterly Groundwater Monitoring and Sampling Report prepared by AEI Consultants, your consultant. We have determined that additional information is needed at your site to progress toward case closure. We request that you address the following technical comments and submit the technical report requested below.

Technical Comments

- The extent of the petroleum hydrocarbon plume has not been defined, both up and down-gradient. The plume has likely migrated beyond the property boundaries.
- The low concentration of dissolved oxygen in groundwater will not enhance natural biodegradation of the contaminant
- Fluctuating concentrations of TPH reported in TW-5 and MW-1 indicate the presence of residual contamination within the saturated soil. Remediation of this residual contamination is recommended.
- A utilities and sensitive receptor survey should be performed for the site.
- We concur that a Remedial Action Plan/Feasibility Study should be performed for the site.
- We concur that MTBE may be omitted in future monitoring events based on past results, however, MTBE should be run during additional site investigations and prior to requesting site closure.

Technical Report

- August 16, 2002- Please submit a RAP/FS and additional site investigation plan to address the aforementioned technical comments.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157

Rprq807 75thAve

March 28, 2002

Mr. Barney Chan
Alameda Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

5110 / 1650 / 508

Subject: Environmental Investigation
807 75th Street
Oakland, CA 94621
AEI Project No. 3190

Dear Mr. Chan:

AEI has prepared this response to your letter dated February 28, 2002 on behalf of Omega Termite Control, owners of the above referenced property.

- As noted in your letter, high concentrations of hydrocarbons have been present in the well TW-5. This well was installed adjacent to the smaller UST identified during the soil excavation activities. Based on the size, location, and field observations made during its removal, it was suspected that this UST was used to store waste-oil, which is consistent with the presence of heavy range hydrocarbons in this well. The significant increase in heavy range hydrocarbon concentrations may be due to residual free phase material left in the sidewalls of the excavation, several feet from the location of this casing. However, this does not rule out vandalism or waste disposal in this well. AEI is recommending the addition of TPH-d and Total Oil & Grease to the analytical suite for the other wells. This data will assist in confirming the extent of the heavier range hydrocarbon plume. Pending authorization by Omega Termite, AEI will evaluate and present a study of the feasibility and costs / benefits associated with one or more of the remedial methods mentioned in your letter.
- Each water sample collected during the next monitoring episode will be analyzed for MTBE by EPA method 8260. The necessity for future analyses by this method will be determined based on the results of using this method during the upcoming episode.
- The instrumentation used by AEI reports conductivity in $\mu\text{S}/\text{cm}$.
- Dissolved oxygen measurements are sensitive to exposure to the air, therefore a meter with a flow-cell is used to make those measurement and temperature of groundwater is out of our control. The temperature range observed has been about 7 °C, which is not an extreme variation. The solubility of oxygen increases with a decrease in temperature, however the dissolved oxygen concentrations measured in all of the wells are well below saturation (about 7 mg/l). AEI concludes that the dissolved oxygen measurements collected to date are valid for the purposes of this investigation.

807 75th Avenue, Oakland
AEI Project # 3190
March 28, 2002
Page 2

- AEI concurs that the TPH-g and BTEX plume may becoming stable. Once monitoring data supports this stability and the heavy range hydrocarbon issue is resolved, site closure documents based on a low risk evaluation may be submitted.

Please call me at (925) 283-6000 if you have any questions or comments.

Sincerely,



Peter McIntyre
Project Manager, Geologist

cc: Mr. Allen Kanady
Omega Termite Control
807 75th Street
Oakland, CA 94621

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

February 28, 2002
RO0000508

Mr. Allan Kanady
Omega Termite
807.75th Ave.
Oakland, CA 94621

Re: Environmental Investigation at 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

Our office has received and reviewed the February 20, 2002 Quarterly Groundwater Monitoring Report for September 2001 and February 2002 for the above referenced site as prepared by AEI Consultants. Our office has the following observations and recommendations:


- The presence of elevated diesel and motor oil concentrations in the water sample from TW-5 during the 9/01 sampling event is a concern. There was no explanation given for this significant increase in contamination. Could this have been an act of vandalism? The condition of the well cap & lock was not reported for this well on your sampling form. Our office recommends remediation be performed from this well, since this contamination can migrate beneath the adjacent office building. Possible options are groundwater purging/extraction, chemical oxidation and/or oxygen addition. All water samples have exhibited low dissolved oxygen concentrations and negative Redox readings. The addition of oxygen to the plume could enhance aerobic biodegradation, the preferred way.
- Although the presence of MTBE was reported in the groundwater sample from TW-5, it was the result of analysis by method 8020. Significant levels of MTBE should be confirmed using Method 8260.
- Please check the units used to report groundwater conductivity. Is it uS or mS? Note that a conductivity greater than 5000 uS/cm is considered non-potable.
- Please attempt to determine the dissolved oxygen in groundwater samples at similar temperatures. The reported differences from quarter to quarter cannot be directly compared if taken at different temperatures.
- Once stable petroleum contaminant concentrations have been reached, you may consider requesting site closure.

Mr. Allan Kanady
Omega Termite, 807 75th Ave., Oakland, CA 94621
February 28, 2002
RO0000508
Page 2

Please provide a written response to this letter within 30 days or no later than 3/28/02.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. P. McIntyre, AEI Consultants, 3210 Old Tunnel Road, Ste. B, Lafayette, CA
94549-4157

02-807 75th Ave

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

August 21, 2000
StID # 1650

Mr. Allen Kanady
Omega Pest Control
807 75th Ave.
Oakland CA 94621

**Re: Soil and Groundwater Investigation at Omega Pest Control, 807 75th Ave.,
Oakland CA 94621**

Dear Mr. Kanady:

Our office has received and reviewed the August 16, 2000 Over-Excavation and Tank Removal report performed at the above referenced site prepared by AEI Consultants. This report details the field work and results of the March 2000 soil excavation and tank removal. It appears that the excavation was fairly successful in removing contaminated soil, with the exception of the eastern sidewall, which was limited due to the entrance driveway. It is hoped that groundwater concentrations will reflect the removal of the source petroleum contamination.

Our office concurs with AEI's recommendation to continue groundwater monitoring at this site. You should continue to analyze the water samples for TPH as gasoline, BTEX and MTBE. In addition, please sample the groundwater from a sample taken from the extraction casing placed within the extraction pit. This water sample should be run for the same analytes mentioned above plus TPH as diesel and TPH as motor oil. To monitor the potential for natural bio-remediation, please also monitor for dissolved oxygen and oxidation-reduction potential in the groundwater samples. Monitoring should continue quarterly until groundwater concentrations appear stable or declining at which time, your consultant may recommend a change in sampling frequency.

You should also provide a work plan to either, remediate and re-sample the excavated soils or dispose of these soils properly. You are reminded that until a work plan is provided and approved by our office the excavated soils should remain covered and secured from water infiltration.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, AEI Consultants, 3210 Old Tunnel Rd., Suite B., Lafayette, CA 94549

3ssi807 75th



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

ENV. UPDATED

4/21/01

Press [ESC] for the menu

UNDERGROUND STORAGE TANK CLEANUP SITE

SITE ID: 1650		SOURCE OF FUNDS: F		SUBSTANCE : 8006619	
SITE NAME: Omega Termite				DATE REPORTED : 08/15/1996	
SITE ADDRESS: 807 -0 75th Ave				DATE CONFIRMED: 08/23/1996	
CITY: Oakland		ZIP CODE: 94621		MULTIPLE RPs : N	
CASE TYPE: U		CONTRACT STAT: 4		PRIORITY: 2A2	
				DATE ER: -0-	
RP SEARCH : S				DATE END: 11/20/1996	
PRELIM ASSESSMENT : -		DATE BEGIN: -0-		DATE END: -0-	
REMEDIAL INVEST : -		DATE BEGIN: -0-		DATE END: -0-	
REMEDIAL ACTION : -		DATE BEGIN: -0-		DATE END: -0-	
POST REMED MONITOR: -		DATE BEGIN: -0-		DATE END: -0-	
ENFORCEMENT TYPE: 1		DATE ENFORCEMENT ACTION TAKEN: 11/20/1996			
LUFT CATEGORY: 2,H,s,c,a		CASE CLOSED: -		DATE CASE CLOSED: -0-	
DT EXC START : 08/15/1996		REMEDIAL ACTIONS TAKEN: ED			

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
Form: SITE Table: SITE Field: Source Page: 1

PH # 562-1333

STID: 1650

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT : -0- LOC-CleanUp Fund? -0-
DATE LAST CORSP : 05/27/1999 INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Mr. Allen Kanady RP COST: \$0.00
RP COMPANY NAME: Omega Termite Control Ph: -0-
ADDRESS: 807 75th Ave.
CITY/ST/ZIP: Oakland C A 94621

COMMENT: MTBE=ND

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
Form: SITE Table: SITE Field: FlagDate Page: 2

"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**

"Notice of Change of Address" form if needed.

☛ **THIS IS IMPORTANT TO YOU, PLEASE NOTE:**

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Anna Torres at (916) 341-5784.

Sincerely,



Allan V. Patton, Manager
Underground Storage Tank Cleanup Fund

Enclosures

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

✓ Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814 • (916) 341-5714
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 341-5806 • Internet Address: <http://www.swrcb.ca.gov/cwphome/ustcf>

Gray Davis
Governor

NOV 29 2000

RO 0508
BC

Omega Termite Control, Inc.
807 75th Ave
Oakland, CA 94621

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, STAFF DECISION FOR NOTICE OF INELIGIBILITY DETERMINATION, CLAIM NUMBER 012062, SITE ADDRESS: 807 75TH AVE, OAKLAND

This is to notify you that your claim be removed from the Priority List based on the following reason:

On July 17, 2000 requested three forms to be completed and returned. The requested forms were: Non-Recovery From Other Sources Disclosure, Letter of Commitment Data Sheet, and Claimant Data Record. This information is required in order to prepare your Letter of Commitment. Without this information, the Fund cannot issue a Letter of Commitment. Please complete and return the required forms.

Section 2813.3. Removal from the Priority List... (1) *the claimant is not in compliance with any of the applicable requirements of this chapter, the California Code of Regulations, title 23, division 3, chapter 16, Health and Safety Code, division 20, chapters 6.7 or 6.75, or any provision of the Water Code under which the claimant is required to take corrective action in response to an unauthorized release of petroleum from an underground storage tank or a residential or (2) the claimant fails to provide necessary documentation or information, or refused to provide access to the site that is the subject of the claim to a regulatory agency..*

If you disagree with this Staff Decision, you may either request review and reconsideration by the Program Manager or you may formally appeal the decision and request a Division Decision from the Chief of the Division. A request for reconsideration along with any additional documentation should be sent to:

Allan V. Patton, Program Manager, Claim #012062
UST Cleanup Fund Program
State Water Resources Control Board
Division of Clean Water Programs
P. O. Box 944212
Sacramento, CA 94244-2120

A request to the Chief of the Division must include, at a minimum: (1) a statement describing how the claimant is damaged by the prior Staff Decision; (2) a description of the remedy or

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ENVIRONMENTAL
PROTECTION

outcome desired; and (3) an explanation of why the claimant believes the action or the Staff Decision is erroneous, inappropriate or improper.

The request to the Chief of the Division must be sent to Barbara L. Evoy, Chief, Division of Clean Water Programs, at the address listed above.

If you do not request review and reconsideration by the Program Manager or request a Division Decision from the Chief of the Division within thirty (30) calendar days from the date of this letter, the Staff Decision will then become final and conclusive.

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Mr. Steve Morse/without enclosure
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

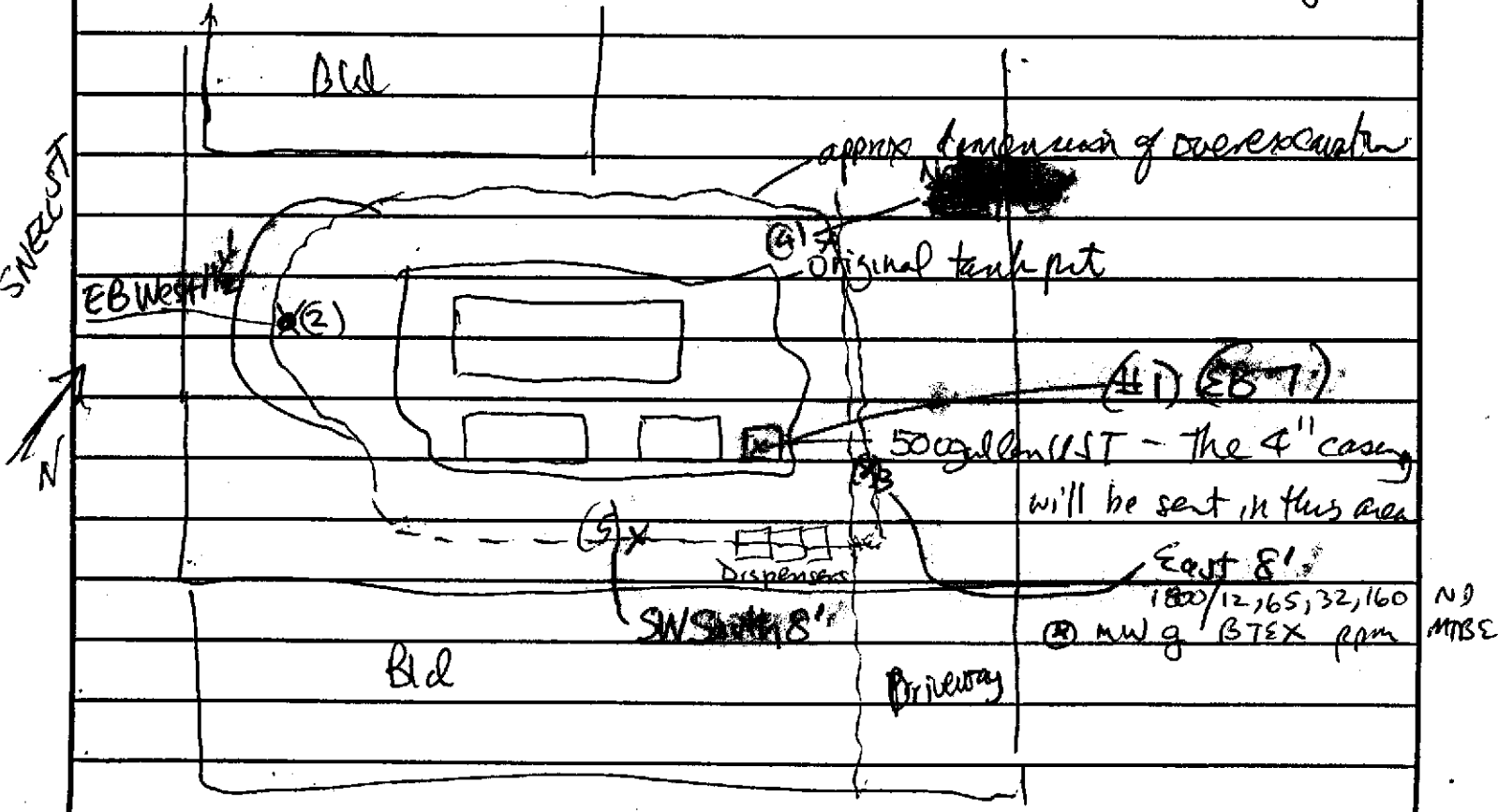
Mr. Thomas Peacock/without enclosure
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

STID# 1650

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: 1650 FACILITY NAME: Omega Termite 801-75th Ave 94621 PG. 1 OF 2
 SUPPLEMENTAL FORM

Present to witness overexcavation of former tank pit,
 removal of 1-500 gallon UST & confirmation sampling



75th Ave

L. Griffin OFD okayed the removal of the UST - to be disposed
 as hazardous waste ASAP (UST ~ 3' x 8' - rusted steel w/ numerous holes)

(X) one spl. taken beneath 500 gal UST ~ 6' - blue-gray gravelly clay
 moderate gas odor

~7K gal H₂O removed to A.G.T. Additional saturated soils

PRINT NAME: John Domerod INSPECTED BY: B. CHAN
 SIGNATURE: [Signature] DATE: 3-16-00

were removed from the bottom of pit.

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: 1650 FACILITY NAME: Omega Ferrotec PG. 2 OF 2

SUPPLEMENTAL FORM

~7-55gal drums of cutting water in reconfig area - needs to be properly disposed. Also to extreme reconfig area many ~1gal cans of "paint" supplies ^{+ STAP} down this material s/B stored in a fire resistant shed.

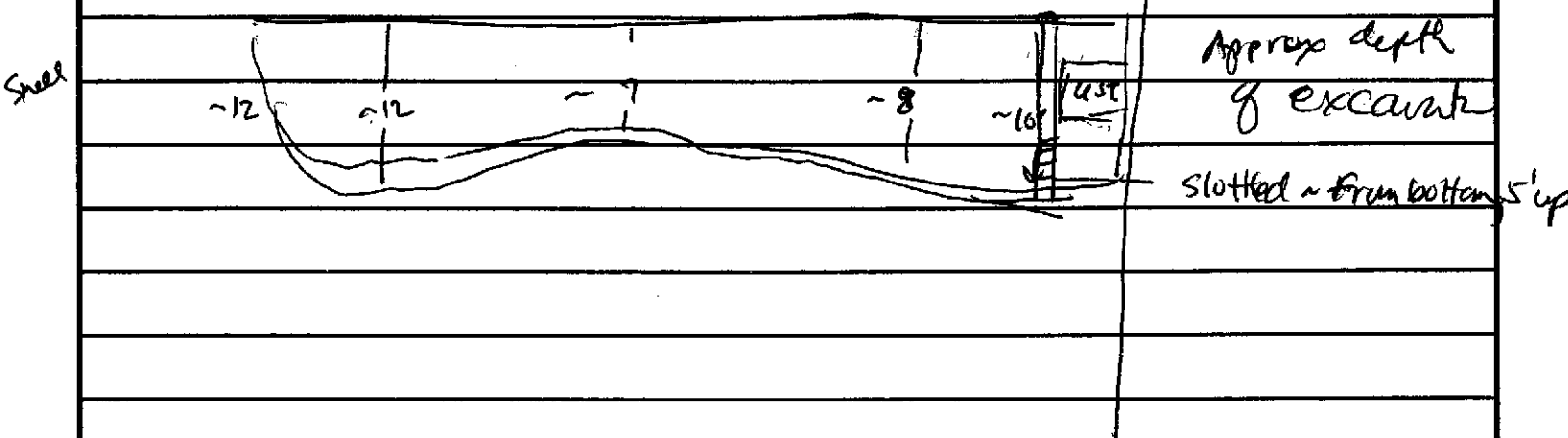
Run all samples for TPHg, BTEX + MTBE - in addition pls run the sample from beneath the 500 gal UST for TPHd + TPHn.

Sp1 (2) ~ 11 1/2 - 12' - moist gravel - silt - mod gas odor

Sp1 (3) ~ 8' east sidewall - black gravel/cl - slight gas odor

Sp1 (4) ~ 6' north sidewall - black silt - no gas odor

Sp1 (5) ~ 7' south sidewall - black gravel/silt - v. little odor



PRINT NAME: John Ormerod
 SIGNATURE: [Signature]

INSPECTED BY: B. Chan
 DATE: 3-16-00



↑ Snell
10-75-75 Ave



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 14, 2000
StID #1650

Mr. Allen Kanady
Omega Pest Control
807 75th Ave.
Oakland CA 94621

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

Re: Site Remediation at Omega Pest Control, 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

This letter serves to clarify the County's understanding of currently scheduled remediation activities scheduled at the above site. As you may recall, after the initial tank removals performed in August 1996, All Environmental Inc. (AEI) proposed limited over-excavation of the tank pit from beneath the former 1000 gallon tank and to the west and northwest of the former 8000 gallon tank. (11/6/96 work plan). This work plan, was conditionally approved in the County's November 7, 1996 letter. The County requested over-excavation on all four sides of the tank pit with confirmation samples taken from each sidewall.

This work plan was put on hold pending the installation of monitoring wells and additional borings to delineate the extent of contamination, performed in June 1999. Upon review of the AEI report of this work, our office commented on AEI's recommendation to de-water the excavation and remove contaminated soil. We stated that the additional soil removal was not necessary, however, we recommended that several remediation wells be installed within the tank pit.

Recently, our office was informed of your intention to perform the initially approved work plan with slight modifications. As requested, all four sides of the former tank pit will be over-excavated along with removing the soil within the pit, down to groundwater. This soil will be stockpiled and aerated with the intention of reusing it as backfill when deemed clean. The accumulated water in the pit will be removed into a holding tank. Because the excavated soil is intended to be aerated and reused, please consider over-excavating as much of the affected soil as possible, both laterally and vertically. Our office will require confirmation soil samples from the sidewalls and bottom of the pit. The previously aerated soils from the tank removal will be used to backfill the pit. Our office also recommends the installation of at least one extraction casing in the pit with a minimum 4" diameter. Our office approves of this work.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, AEI, 3210 Old Tunnel Rd., Suite B. Lafayette, CA 94549

2ssi807 75th



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.org> • Phone: (916) 227-4366

Gray Davis
Governor

00 FEB 08 PM 2:22

February 7, 2000

Allen G. Kanady, Jr.
807 75th Ave
Oakland, CA 94621

RO 0508
BC

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF ELIGIBILITY DETERMINATION AND PRIORITY CLASS CHANGE: CLAIM NUMBER 012062; FOR SITE ADDRESS: 807 75TH AVE, OAKLAND

Upon receipt of your letter dated January 28, 2000, your priority class has been revised from Priority Class D to Priority Class C with a deductible of \$10,000.

If you have any questions, please contact me at (916) 227-4366.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

STID# 1650

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 27, 2000
StID # 1650

Mr. Allen Kanady
Omega Pest Control
807 75th Ave.
Oakland CA 94621

Re: Omega Pest Control Environmental Investigation, 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

Thank you for the submission the January 19, 2000 fourth quarter 1999 groundwater monitoring report as prepared by All Environmental Inc. (AEI). Our office concurs with the recommendation for continuing quarterly groundwater monitoring. We further recommend that an estimate of the "highest" groundwater concentration be made and based upon this result, you should consider if remediation is warranted.

As you may recall, this point was bulleted in my September 20, 1999 letter. This need is the result of the inability to install a monitoring well directly down-gradient of the former underground gasoline tanks. Such information is necessary to determine human health risk in the future. My recommendation then was to install several large diameter extraction casings within the former tank pit. These casings could be used for either groundwater sampling or treatment. Please advise how you will obtain the requested groundwater data.

Please note that the stockpiled soils are deemed to be aerated sufficiently to be reused as backfill when bringing the tank pit back to surface depth.

Please respond to this letter in writing within 30 days or no later than February 29, 2000.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. P. McIntyre, AEI, 3210 Old Tunnel Road, Suite B, Lafayette, CA 94549

ssi807 75th

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)

September 20, 1999
StID # 1650

Mr. Allen Kanady
Omega Pest Control
807 75th Ave.
Oakland CA 94621

Re: Omega Pest Control Subsurface Investigation at 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

Our office has received and reviewed the September 16, 1999 **Soil Boring and Groundwater Monitoring Well Installation Report** for the above site as prepared by All Environmental, Inc. (AEI). This report describes the results of soil and groundwater sampling from the four monitoring wells installed at this site on June 25, 1999. As you may be aware, certain limitations prevented the location of wells immediately adjacent to the existing office building.

From the results of the investigation it appears that extent of soil contamination has been determined with the exception of the north direction (near MW-2). Groundwater is impacted with gasoline and BTEX (benzene, toluene, ethyl benzene and xylenes) immediately next to the former tank pit, however, less so on the other side of the office building (MW-4). Groundwater is first encountered at approximately 15' bgs and equilibrates to about 6' bgs.

Your consultant recommends de-watering the excavation and the removal of impacted soil, if necessary. They further recommend the characterization of the existing stockpiled soil on-site and its proper disposal and continual groundwater monitoring. Our office has the following comments to these recommendations:

- At this time, our office does not require the removal of any additional soil, however, we are concerned about obtaining a better idea of the concentration of the gasoline plume migrating beneath the existing office building. To do this, our office recommends the installation of several remediation wells within the former tank pit. These wells may then be used for sampling, extraction or the addition of supplements.
- My May 27, 1999 letter requested additional information on the Geo Plexus report which characterized the stockpiled soils at the site. If this information is not available, please provide a sampling work plan to properly characterize this soil. I would recommend the immediate submission of this work plan if you have any inclination to reuse these soils. In any event, the tank pit should be back-filled and the area surfaced as soon as possible.
- Our office concurs with the continuing monitoring of the wells on a quarterly basis.

Please submit a work plan to address the above items **within 30 days or by October 22, 1999.**

Mr. A. Kanady
Omega Pest Control
807 75th Ave., Oakland CA 94621
September 20, 1999
Page 2.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan,
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, All Environmental Inc., 901 Moraga Rd., Suite C, Lafayette, CA
94549-4567

2ssi807-75th

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

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


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

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

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

Allen G Kanady Jr.

Sincerely,


Signature of primary responsible party

Allen G Kanady Jr.
Name of primary responsible party

99 JUN -4 PM 4:00
ENVIRONMENTAL
PROTECTION

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)

May 27, 1999
StID # 1650

Mr. Allen Kanady
Omega Pest Control
807 75th Ave.
Oakland CA 94621

Re: Work Plan for the Installation of Monitoring Wells at 807 75th Ave., Oakland 94621

Dear Mr. Kanady:

Our office has received and reviewed the May 21, 1999 work plan for the installation of four (4) monitoring wells to be named AEI-1 through AEI-4 as shown on Figure 3 of this report. Both soil and groundwater samples will be collected from each well and analyzed for the parameters; Total Petroleum Hydrocarbons as gasoline, BTEX, MTBE and total lead. This work plan has been discussed with our office and it is accepted. Please schedule this work **within the next 30 days** and inform our office prior to initiating it. You should be prepared to initiate groundwater monitoring of these wells on a quarterly basis until further notice.

Please be aware that because you have chosen not to perform any over-excavation at the site, there will be a need to further investigate the areas where elevated benzene soil concentrations were found. At a minimum, a risk based corrective action (RBCA) evaluation must be performed to determine the risk to human health.

Our office has also received a copy of the November 24, 1998 Geo Plexus report regarding the sampling of the stockpiled soils at your site. Please be advised that our office will require additional information before we can make any decision regarding its disposition. Please clarify the amount of soil in each pile, its dimension, the depth of each soil sample and a description of any remediation actions performed on the soil.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. P. McIntyre, All Environmental, Inc., 901 Moraga Rd., Suite C, Lafayette, CA 94549-4567

mwap-807-75th

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 15, 1999
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

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

Re: Subsurface Investigation at Omega Termite, 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

This letter acknowledges the receipt of your March 10, 1999 letter and the attached proposed work plan from GeoPlexus, Inc. There appears to be a number of issues needing further clarification. Because you are intending to obtain three bids for your proposed work, I hope this means you have applied and are eligible for the Underground Storage Tank Cleanup Fund.

The first item of concern is the stockpiled soils. I have received a copy of the analytical results from eight soil samples taken from these soils. Before I can make any decision on the use of this soil, you must send me a **full** report on this sampling. It should include a sampling map, a description of the size and amount of soil sampled and the depth of each sample. Please have your consultant make a recommendation for the future use of this soil.

Secondly, you have made a request that our office reconsider the need to install permanent monitoring wells. Groundwater data from a permanent well is necessary to determine the extent of groundwater contamination and to determine potential health risk due to the presence of such groundwater contamination. Temporary grab groundwater samples are not representative of actual groundwater conditions.

Lastly, I cannot evaluate the Geo Plexus proposal due to its lack of site specific information. In fact, the proposal to you states in Task 2.2 that a work plan update would be prepared for our office's review and authorization. Therefore, you are requested to submit a stockpile soils report and an actual work plan, including monitoring well installation, to our office **within 30 days or by April 16, 1999**. In addition, your work plan should be from your consultant of choice and not from a consultant under consideration.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files
Cathrene Glick, Geo Plexus, Inc., 1900 Wyatt Drive, Suite 1, Santa Clara CA, 95054
Reps-807-75th

4/12/99

bc - Fix Notes

Spoke w/ R. Mc Dillino & all saw expressed these concerns

- 1- Still need spoils sampler report from Geoplexis (still not enough info)
- 2- 4 MW's would be preferable - 1 odd on 75th Ave side on sidewalk
- 3- Would like OX in 3 areas; NW, SE & near BH-6 when dispensers were.
- 4- would like MW-1 moved towards BH-1
would like MW-3 near BH-6
- 5- GW S/B removed from site
- 6 Best to remove GW, OX, backfill & install mws in that order.

He'll speak w/ Mr Kanady to see if he's willing to ok this change.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



February 10, 1999
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

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

SECOND NOTICE OF VIOLATION

**Re: Soil Remediation, Excavation and Monitoring Well Installation at 807 75th Ave.,
Oakland CA 94621**

Dear Mr. Kanady:

This letter is the Second Notice of Violation for the above site. The initial Notice of Violation was issued in my April 29, 1998 letter. It requested that you complete the items in the previously approved recommendations from All Environmental. Their recommendations included over-excavation and re-sampling of the underground storage tank pit and remediation and sampling of all stockpiled soils. I also requested a work plan for the installation of a minimum of three groundwater monitoring wells. Your response to this request was to be provided by May 29, 1998.

Your May 20, 1998 letter stated you did not have the funds to complete the project and requested our office's input. My August 31, 1998 served to clarify the function of the Underground Storage Tank Cleanup Fund (the Fund). Hopefully, you have contacted the Fund, applied and have been given some expectation as to if and when funds may be available for reimbursement. Portions of your prior expenses may be eligible for reimbursement.

Please provide your monitoring well installation work plan and provide your schedule for soil over-excavation and soil remediation **within 30 days or by March 15, 1999.**

Your failure to provide the requested reports will cause this site to be referred to the District Attorney Office for enforcement. It will also negate your Cleanup Fund eligibility. Your prompt reply is recommended.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

VC: B. Chan, files

Ms. J. Pucci, All Environmental, ~~3364 Mt. Diablo Blvd.~~ 901 Moraga Rd. C, Lafayette, CA 94549

2NOV807-75

(925) 283-6000

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

February 10, 1999
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

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

SECOND NOTICE OF VIOLATION

Re: Soil Remediation, Excavation and Monitoring Well Installation at 807 75th Ave.,
Oakland CA 94621

Dear Mr. Kanady:

This letter is the Second Notice of Violation for the above site. The initial Notice of Violation was issued in my April 29, 1998 letter. It requested that you complete the items in the previously approved recommendations from All Environmental. Their recommendations included over-excavation and re-sampling of the underground storage tank pit and remediation and sampling of all stockpiled soils. I also requested a work plan for the installation of a minimum of three groundwater monitoring wells. Your response to this request was to be provided by May 29, 1998.

Your May 20, 1998 letter stated you did not have the funds to complete the project and requested our office's input. My August 31, 1998 served to clarify the function of the Underground Storage Tank Cleanup Fund (the Fund). Hopefully, you have contacted the Fund, applied and have been given some expectation as to if and when funds may be available for reimbursement. Portions of your prior expenses may be eligible for reimbursement.

Please provide your monitoring well installation work plan and provide your schedule for soil over-excavation and soil remediation within 30 days or by March 15, 1999.

Your failure to provide the requested reports will cause this site to be referred to the District Attorney Office for enforcement. It will also negate your Cleanup Fund eligibility. Your prompt reply is recommended.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C. B. Chan, files

Ms. J. Pucci, All Environmental, 901 Moraga Rd., Ste C,
3364 Mt. Diablo Blvd., Lafayette, CA 94549-4567

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY



August 31, 1998
Hazardous Materials, Air Quality Division
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION FLOOR
1137 Huron Bay Parkway, Suite 250
Alameda, CA 94501-6507
(510) 567-6700
FAX (510) 337-9335

**Re: Underground Storage Tank Removal and Investigation at Omega Termite Control,
807 75th Ave., Oakland 94621**

Dear Mr. Kanady:

This letter serves to clarify the status of your tank removal and subsurface investigation at the above site. As you will recall, my April 29, 1998 letter requested technical reports as well as clarification for the additional investigation initially proposed by All Environmental. Your May 20, 1998 letter in response requires clarification from our office.

Apparently, you believe that the Underground Storage Tank Cleanup Fund (the Fund) will somehow cover all your expenses to perform the requested work. This is a very simplistic view of the Fund. Hopefully, you have applied for the Fund and have been given some indication as to if and when your application will be accepted. Be aware, the Fund requires that the responsible party make normal progress in their investigation. This means that the responsible party must be consistently performing some work at their site every quarter (3 months). Inactivity for longer than this period can cause the site to become non-compliant and therefore forfeit reimbursement eligibility. Another misconception, is the Fund will advance the responsible party money to perform the required work. The Fund reimburses applicants for pre-approved expenses which have been spent after being approved by the oversight agency.

It, therefore, benefits you to remain in compliance by performing the requested work and getting pre-approval for the work from the Fund. The failure to perform work in a timely fashion will risk your eligibility for any reimbursement. The items requested previously are necessary to obtain site closure, fulfill your legal responsibility and restore current property value. This also insures that there is no potential risk to on-site and off-site worker or residents.

The items ; monitoring well work plan, over-excavation and sampling and stockpiled soil remediation are all potentially reimburseable items. You are encouraged to remain in compliance and schedule this work immediately. Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. J. Pucci, All Environmental, 3364 Mt. Diablo Blvd., Lafayette, CA 94549
Clar807

Omega

TERMITE CONTROL, INC.

May 20, 1998

Mr. Barney Chan
Environmental Health Services
1131 Harbor Bay Parkway Suite #250
Alameda. CA. 94502

Re: Monitoring Well Installation: 807 75th Ave., Oakland

Dear Mr. Chan,

I am in receipt of your Notice of Violation and quite frankly am a bit confused. I have spent over \$30,000.00 trying to comply with everything that was required by your department. You were informed by All Environmental that the completion of this project is on hold until we receive money from the clean up fund. The monitoring Wells will cost \$15,000.00 and I don't have the money. I fully intend to comply with your demands when I can afford to do so. If you have a solution to my problem I would appreciate your input.

Sincerely,



Allen G. Kanady, Jr.

rab

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



April 29, 1998
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland, CA 94621

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

NOTICE OF VIOLATION

**Re: Soil Remediation, Excavation and Monitoring Well Installation
At Omega Termite Control, 807 75th Ave., Oakland CA 94621**

Dear Mr. Kanady:

After the removal of the three underground fuel tanks at the above site, on September 15, 1996, All Environmental, your consultant provided work plans to aerate and remediate the excavated soils and advance borings around the former tank pit to determine the extent of soil and groundwater contamination. Our office approved these work plans and on January 10, 1997, six borings (BH-1 through BH-6) were advanced around the former tank pit. The results of this investigation identified elevated levels gasoline and BTEX in soil and groundwater.

A preliminary ASTM Tier 1 evaluation of these results indicates a potential human health risk to individuals working in a commercial setting, ie your office workers. Based on these results, All Environmental proposed limited soil excavation to the northwest and southeast of the former tank pit and the installation of three monitoring wells. Our office concurred with this proposal and requested that a work plan for the installation of monitoring wells be submitted to our office **by June 10, 1997**. This letter also requested that the soil excavation be initiated by the same date. The aeration of the stockpiled soils was put on hold pending the excavation of these additional areas of concern.

To date, our office has not received:

- the requested work plan for monitoring well installation
- notification of any over-excavation and re-sampling or
- notification of the status of stockpiled soil remediation.

This site is out of compliance. Please provide the above noted items **within 30 days or by May 29, 1998**.

Mr. Allen Kanady
StID # 1650
807 75th Ave., Oakland CA
April 29, 1998
Page 2.

This is a formal request for technical reports pursuant to the Water Code 13267 (b) and Title 23, Division 3, Chapter 16, Section 2652d. Per Chapter 6.7 of the Health and Safety Code, Section 25299, the failure to report an unauthorized release, or properly close an underground tank system may subject the owner or operator of the underground tank system to a civil penalty of not less than \$500 or more than \$5000 per day for each underground tank, for each day of violation.

Enclosed please find another Unauthorized Release (Leak) Report for your completion. An initial Leak Report was sent to you in my August 23, 1996 letter and asked to be returned within 10 days of receipt.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure

C: B. Chan, files
Ms. Jennifer Pucci, All Environmental, 3364 Mt. Diablo Blvd.,
Lafayette, CA 94549

Nov807

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



May 9, 1997
StID # 1650

Mr. Allen Kanady
Omega Termite
807 75th Ave.
Oakland CA 94621

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

Re: Further Subsurface Investigation at Omega Termite, 807 75th Ave., Oakland CA 94621

Dear Mr. Kanady:

Our office has received the March 17, 1997 work plan proposal from All Environmental, Inc. (AEI) which addresses the excavation and aeration of contaminated soil at the above referenced site. As you may recall, this work was previously approved by our office. Its implementation was postponed because it is more prudent to attempt to determine the limits of petroleum contamination prior to excavation. This was done by advancing borings around the tank pit and was reported in All Environmental's March 17, 1997 Phase II report.

After my review of this report, I concurred with AEI's recommendation to excavate soils in the two areas around the tank which exhibited elevated benzene concentration; northwest and southeast of the former tank pit. In addition, I concurred with the recommendation for the installation of three monitoring wells to determine the impact of the fuel release to groundwater. I then requested that a work plan be submitted to our office to perform these two items. Because limited excavation has been previously approved, please submit a work plan for the installation of monitoring wells at this site **within 30 days or by June 10, 1997.**

You should also initiate your soil excavation by this same date. This will insure that you are making a continual effort to address the petroleum fuel leak, a requirement for eligibility for reimbursement from the State Water Resources Clean-up Fund.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files
J. Anderson, AEI, 3364 Mt. Diablo Blvd., Lafayette, CA 94549
2-807-75

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 26, 1997
StID # 1650

Mr. Alan Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

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

**Re: Phase II Soil and Groundwater Investigation at 807 75th Ave.,
Oakland CA 94621**

Dear Mr. Kanady:

Our office has received and reviewed the March 17, 1997 Phase II report prepared by your consultant, All Environmental. This report details the advancement of six soil borings around the former gasoline tank pit at the above site. Both soil and grab groundwater samples were taken for chemical analysis. The results identified elevated levels of gasoline and BTEX (benzene, toluene, ethylbenzene and xylenes) constituents in soil and groundwater. Areas to the northwest and southeast of the tank pit detected elevated benzene in soil and were recommended for limited soil excavation by your consultant. All Environmental also recommended the installation of three monitoring wells to verify groundwater quality.

Our office agrees with the above recommendations, therefore, we request that you submit **within 30 days or by April 28, 1997** a work plan to perform this work.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Campbell, All Environmental, Inc., 3364 Mt. Diablo Blvd.
Lafayette, CA 94549

B. Chan, files

wp807-75

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

January 16, 1997
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

**Re: Phase II Work Plan for Omega Termite Control, 807 75th Ave.,
Oakland 94621**

Dear Mr. Kanady:

Our office has received and reviewed the January 10, 1997 work plan for a Phase II investigation at the above referenced site as prepared by All Environmental. This work plan was provided to insure that every effort is made to determine the extent of contamination prior to any overexcavation. It is anticipated that overexcavation may still be advisable if the extent of contamination can be delineated. Six borings are proposed to be advanced around the former tank pit. Soil samples will be screened starting at three feet bgs (below ground surface) and then every five feet thereafter. At least one soil sample will be analyzed per boring. In addition, a grab groundwater sample will be obtained for analysis from borings BH-1, BH-4 and BH-6. All samples will be analyzed for TPHg, (total petroleum as gasoline), BTEX (benzene, toluene, ethyl benzene and xylenes) and MTBE (methyl t-butyl ether).

This work plan is accepted with the condition that boring BH-6 be moved to a location south of the former 500 gallon gasoline tank. Recall, high residual gasoline and BTEX was detected in the sample beneath this tank. I spoke with Ms. Jennifer Anderson of All Environmental. She stated that this change in boring location was possible.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Ms. J. Anderson, All Environmental Inc., 3364 Mt. Diablo
Blvd., Lafayette, CA 94549
B. Chan, files PHII807

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

November 7, 1996

StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

**Re: Work Plan for Excavation & Aeration at Omega Termite Control,
807 75th Ave., Oakland 94621**

Dear Mr. Kanady:

Our office has received and reviewed the November 6, 1996 All Environmental, Inc. work plan for the above referenced site. The work plan calls for the removal of all sloughed soil, the overexcavation and resampling of the pit, the aeration of excavated soil and the removal of groundwater from the tank pit. This work plan is acceptable as a first step, with the following conditions:

1. Please perform overexcavation on all four sides of the tank pit. At least one confirmatory soil sample should be taken from each sidewall in the presence of an ACDEH representative.
2. The analytical results of samples from both the overexcavation soils and the initial stockpiled soils should be used to determine the amount of soil which may be exposed for aeration in accordance with Air Board regulation.
3. Air monitoring during the aeration of soils should be performed to verify that the action limit of 1 ppm is not exceeded within and beyond the limits of the actual work. Workers and individuals both on and offsite must be protected.
4. In regards to confirmatory soil sampling of the aerated soils, please collect minimally one 4-point composite sample per every 50 cubic yards of remediated soil.
5. Please notify our office at least **two working days** prior to your field work so I may arrange to be present if possible.

Please be aware that a groundwater investigation will be required as the next step of your investigation.

Mr. Allen Kanady
807 75th Ave.
StID # 1650
November 7, 1996
Page 2.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: Ms. J. Anderson, All Environmental Inc., 3364 Mt. Diablo
Blvd., Lafayette, CA 94549

B. Chan, files

wpap807

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

August 23, 1996
StID # 1650

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
Oakland CA 94621

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

Re: Omega Termite Control, 807 75th Ave., Oakland 94621

Dear Mr. Kanady:

Our office has received and reviewed analytical results from soil and grab groundwater samples taken after the removal of the three underground gasoline tanks at the above site. These results were transmitted to us by Ms. Jennifer Anderson of All Environmental, Inc., your contractor. Based on these results, it is apparent that this site has experienced a release of petroleum contamination, the extent of which, must be determined and potentially remediated.

Your site has, therefore, been transferred to the Local Oversight Program (LOP), within Alameda County Environmental Health, Hazardous Materials Division. Our office has been delegated by the Regional Water Quality Control Board (RWQCB), to be the local agency which will oversee such releases to soil and/or groundwater. A Notice of Requirement to Reimburse (NORR) letter has recently been sent to your attention informing you of this administrative action.

The analytical results support my observations during the tank removal. Odorous soils were observed in the soil samples from beneath the tanks and an apparent hydrocarbon sheen was observed on the water within the pit.

You are, therefore, requested to provide a work plan to determine the extent of the petroleum contamination in both soil and groundwater. As an initial approach, your consultant has recommended selective overexcavation of residual contaminated soils. Our office agrees with this approach, since apparent contaminated backfill soils still exist in the pit. In addition, you are requested to install a fence affixed with CAUTION tape around the pit to prevent public access.

Please submit your work plan for site assessment to our office **within 30 days or by September 27, 1996.**

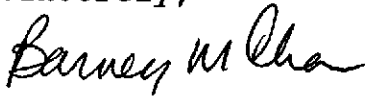
Enclosed, please find an Unauthorized Release (Leak) Report (ULR). Please fill out this form and return to our office **within 10 days of receipt.**

Mr. Allen Kanady
Omega Termite Control
807 75th Ave.
StID # 1650
August 23, 1996
Page 2.

This is a formal request for technical reports pursuant to both the Water Code and the California Health and Safety Code. Failure to submit the requested reports may subject you to civil liability.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

enclosure

c: Ms. J. Anderson, All Environmental Inc., 3364 Mt. Diablo
Blvd., Lafayette, CA 94549

G. Coleman, files

wprq807

Transfer of Eligible Local Oversight Case

Contact: Allen Kanady
807 75th Ave
Oak 94621

STID 1650 Date of input/By: 8/23/96 TK

Date: 8/23/96 From: Be

Site Name: Omega Termite Control

Address: 807 75th Ave City: Oak Zip: 94621

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

1. Y N Tanks Removed? # of removed? 3 Date removed: 8/15/96
2. Y N Samples received? Contamination level: 4300 ppm
Type of test TPH g
Contamination should be over 100 ppm TPH to qualify for LOP
3. Y N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet
• diesel • waste oil • kerosene • solvents

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

1.
 - a. Close the deposit refund case.
 - b. Account for **ALL** time you have spent on the case.
 - c. Turn in account sheet to Leslie.
If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: _____

DepRef Case Closed with Candyce/Leslie? Y N (If no, explain why below.)

2. Submit the completed **A** and **B** permit application forms to **NORMA**. ✓
3. Give the entire case to the proper LOP staff.

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

08/19/96

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000	SOURCE OF FUNDS: F-FEDERAL	INSPECTOR: SH
StID: 413	SUBSTANCE: 8006619 -Gasoline	
SITE NAME: Pill Hill Shell		DATE REPORTED : 12/07/88
ADDRESS : 2800 Telegraph Ave		DATE CONFIRMED: 12/07/88
CITY/ZIP : Oakland, CA 94609		MULTIPLE RP's : Y

CASE TYPE: G	CONTRACT STATUS: 4	PRIOR:2B4	EMERGENCY RESPONSE:
--------------	--------------------	-----------	---------------------

RP SEARCH	: S		DATE END: 03/31/92
PRELIM ASSESSMENT	: U	DATE BEGIN: 04/22/88	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:		DATE BEGIN:	DATE END:

TYPE ENFORCEMENT ACTION TAKEN: 1	DATE OF ENFORC. ACTION: 03/31/92
----------------------------------	----------------------------------

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: 3HSCAWG	CASE CLOSED: on:
--	------------------

DT EXC START: 12/07/88	REMEDIAL ACTIONS TAKEN: ED
------------------------	----------------------------

RP #1: CONTACT: R. Jeff Granberry	RP COST:
RP COMPANY NAME: Shell Oil Company Corp.	Ph:
ADDRESS: P. O. Box 5278	
CITY/STATE: Concord C A 94524	

GrMENT:

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

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

II, III

Site ID # _____ Site Name Omega Semite Today's Date 8/16/96
Site Address 807. 75th Ave
City Oak Zip 94621 Phone _____

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

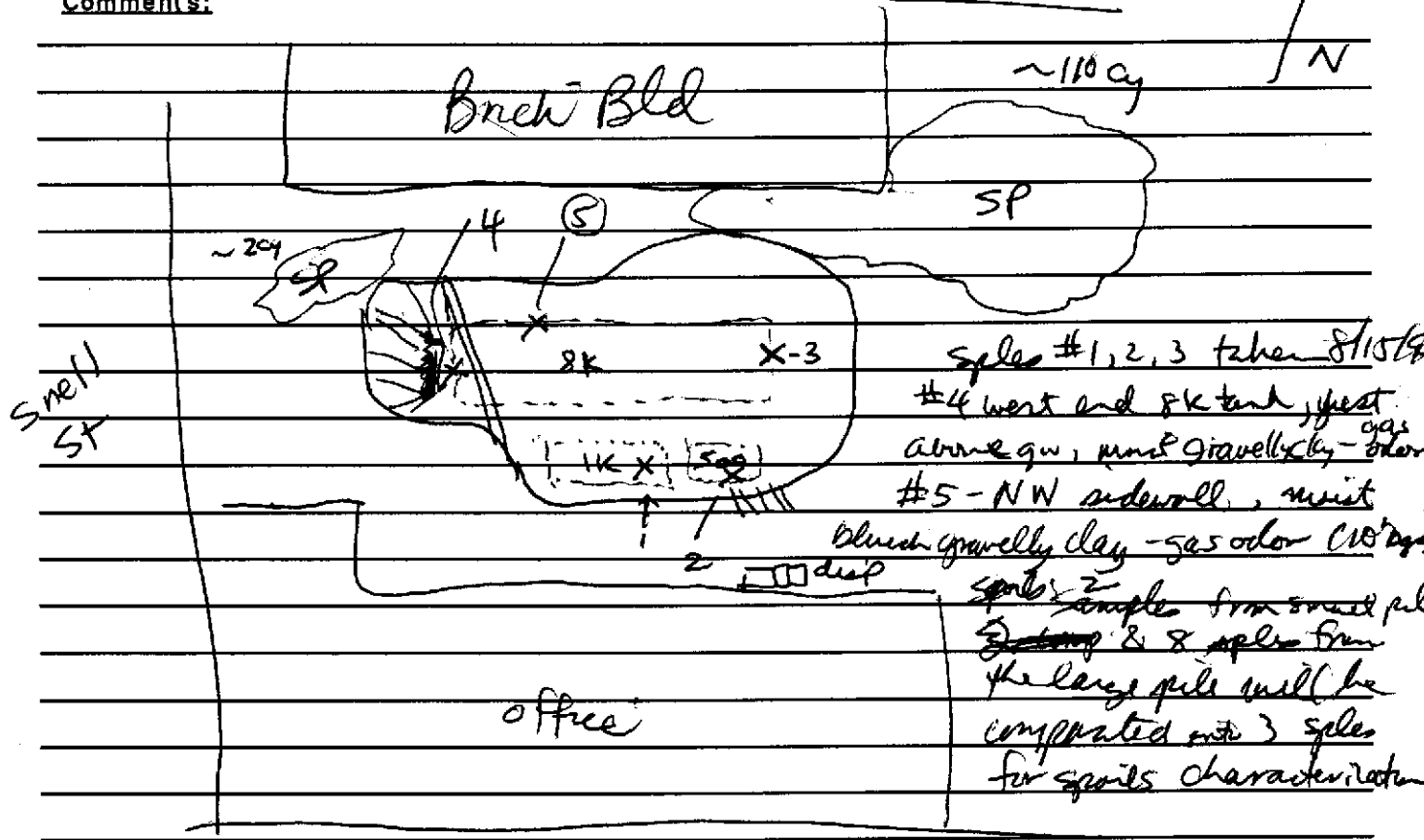
Inspection Categories:

- ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

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

Comments:

73rd Ave overpass



samples #1, 2, 3 taken 8/15/96
#4 west end 8K tank, just above gw, must Gravelly clay - odor
#5 - NW sidewall, must blueish gravelly clay - gas odor (10' deep)
samples #2 sample from smell pile
#1, #2 & 8 samples from the large pile will be composited into 3 samples for spore characterization

75th Ave

• Please install a fence w/ "Caution tape" around excavation to prevent public access or residential neighbor access

Contact D. Roy
Title Const. Sp
Signature Dusty Roy

Inspector B. Chan
Signature B. Chan

II, III

1

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

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

II, III

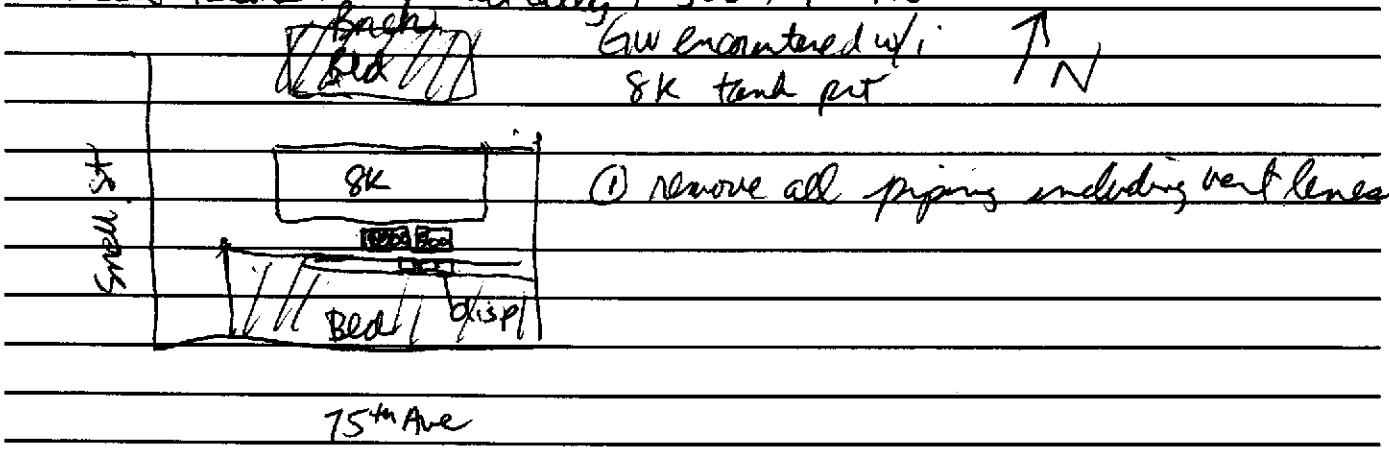
Site ID # _____ Site Name Omega Pest Termite Today's Date 8/15/96
Site Address 805 - 75th Ave
City Oak Zip 94621 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 III. Under ground Storage Tanks Removal

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

Comments:

All Env. - contractor, Dusty Roy et al
American Valley Env Services - taking residual product
Hauler - Erickson
OFO - S. Crawford / R. Griffin
3 USTs - 1-8k + 2-500 gallon gasoline tanks, single walled
steel tanks. actually 1-500 + 1-1k



Contact D. Roy
Title Contractor
Signature Dusty Roy

Inspector BCHAN
Signature BChan

II, III

P2

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

white -env. health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

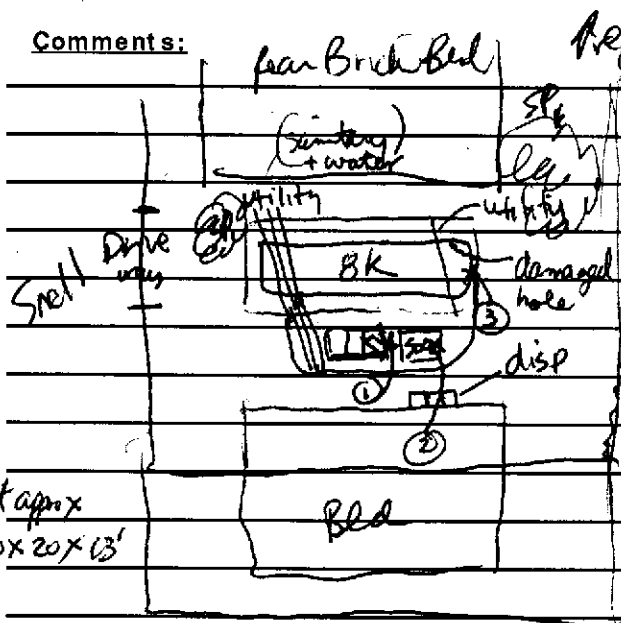
II, III

Site ID # _____ Site Name Omega Pest Services Today's Date 8/15/96
Site Address 807. 75th Ave
City Oak Zip 94621 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 III. Under ground Storage Tanks R

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

Comments:



rear yard (ammunition cans)
- approx 150 cy spoils
- some concerns over the calibration of the C.G.I. 40% UEL Read 60%
- O2 on 500 gal tank: 0%
- O2 on 8K (large hole made by AEC env) other Business 28%, UEL ~10%
- Added an extra 200th dry Auto repair ice in 8K tank + oxygen removal - carried by O2D
- 1K tank - one small hole on top of tank no other holes observed
- 500gal tank - no holes observed, however

75th Ave
tank severely damaged through removal on east end
- 8K tank severely ripped open on NE bottom (see photo), no other holes observed
- Cover all spoils w/ mesquite
- 1 water spill taken from 8K gasoline pit
- Soil sples: (1) under 1K fill (IKE) blue clay - strong gas odor
(2) beneath 500gal tank - blue gravel - strong gas odor
(3) at east end of 8K tank sidewall @ SW interface - moist gravelly clay - strong gas odor

Contact D. Roy
Title Const. Sup
Signature Dusty Roy

Inspector B. Chan
Signature B. Chan

II, III

run sples for TPHg, BTEX, MTBE + total lead

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

BARNEY CHAN
 Project Specialist

7/19/96
 cjh Bluer

ACCEPTED

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

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.
 One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.
 Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.
 Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
 - Sampling
 - Final Inspection
- Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

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

Contact Specialist

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Omega Termite Control
 Business Owner or Contact Person (PRINT) Allen Kanady
2. Site Address 807 75th Avenue
 City Oakland Zip 94621 Phone (510) 562-1333
3. Mailing Address 807 75th Avenue
 City Oakland Zip 94621 Phone (510) 562-1333
4. Property Owner Omega Termite Control
 Business Name (if applicable) Omega Termite Control
 Address 807 75th Avenue
 City, State Oakland, CA Zip 95621
5. Generator name under which tank will be manifested
Omega Termite Control

EPA ID# under which tank will be manifested C A C 0 0 1 0 6 1 3 0 4

#1650

6. Contractor All Environmental, Inc.
Address 3364 Mt. Diablo Blvd.
City Lafayette Phone (510) 283-6000
License Type* A/Haz ID# 654919

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

7. Consultant (if applicable) All Environmental, Inc.
Address 3364 Mt. Diablo Blvd.
City, State Lafayette, CA Phone (510) 283-6000

8. Main Contact Person for Investigation (if applicable)
Name Jennifer Anderson Title Project Manager
Company All Environmental, Inc.
Phone (510) 283-6000

9. Number of underground tanks being closed with this plan 3
Length of piping being removed under this plan 20 feet
Total number of underground tanks at this facility (**confirmed with owner or operator) 3

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

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

a) Product/Residual Sludge/Rinsate Transporter

Name Americlean, Inc. EPA I.D. No. NVD982358483
Hauler License No. 3493 License Exp. Date 10/31/96
Address P.O. Box 349
City Silver Springs State NV Zip 89429

b) Product/Residual Sludge/Rinsate Disposal Site

Name Americlean, Inc. EPA ID# NVD982358483
Address 2570 Almond Drive
City Silver Springs State NV Zip 89429

c) Tank and Piping Transporter

Name Erickson, Inc. EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 5/31/97
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

11. Sample Collector

Name Jennifer Anderson
Company All Environmental, Inc.
Address 3364 Mt. Diablo Blvd.
City Lafayette State CA Zip 94549 Phone (510) 283-6000

12. Laboratory

Name McC Campbell Analytical
Address 110 2nd Avenue South #D7
City Pacheco State CA Zip 94553
State Certification No. DOHS1644

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

If yes, describe. _____

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

Dry ice at a rate of at least 1.5 lbs. per 100 gallons tank volume

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

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

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

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
8000 gas	1980's	Soil (and groundwater if encountered)	One soil sample from each end of tank, 2 feet below tank bottom.
500 gas	1960's	Soil (and groundwater if encountered)	One soil sample 2 feet below center of tank bottom.
500 gas	1960's	Soil (and groundwater if encountered)	One soil sample 2 feet below center of tank bottom. <i>Splice beneath each dispenser</i>

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

Excavated/Stockpiled Soil

Stockpiled Soil Volume (estimated)

20 yd³

Sampling Plan

One composite of four discrete soil samples from 5000

One composite of four discrete soil samples from two 500 gallon stockpiled soil.

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

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

If yes, explain reasoning If visual contamination soil will not be returned to excavation.

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

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

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

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-gasoline BTEX/MIBE Total Lead	EPA 5030/8015 EPA 5030/8020 AA		1 ppm 5 ppb 3 ppm

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>	<u>WATER ANALYSIS</u>
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA -----Optional----- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510) O & G 5520 B & F BTX&E 602, 624 or 8260 CL HC 601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	PCB PCP PNA CREOSOTE

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

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

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

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

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

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

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

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

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

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

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

EPILOGUE

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund

19. Submit Plot Plan ***** (See Instructions) *****

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

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

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

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

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

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

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

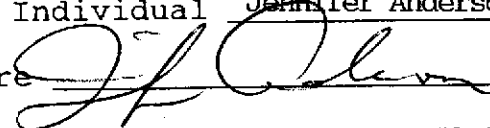
I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner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

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

CONTRACTOR INFORMATION

Name of Business All Environmental, Inc.


Name of Individual Jennifer Anderson

Signature  Date 5/18/96

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Omega Termite Control

Name of Individual Allen Kanady

Signature  Date 2/18/96

General Instructions

- * Three (3) copies of this plan plus attachments and a deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- * State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.
6. CONTRACTOR
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
 - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
 - c) Tanks must be hauled as hazardous waste.
 - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.

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

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

16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS

See attached Table

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

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

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

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

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tank(s) and piping in addition to the tank(s) being removed.

20. DEPOSIT

A deposit, payable to "County of Alameda" for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Bay Regional Water Quality Control Board (510/286-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

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

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

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

SITE INFORMATION:

Site ID Number
(if known)

Omega Termite Control
Name of Site

807 75th Avenue

Street Address

Oakland, CA 95621

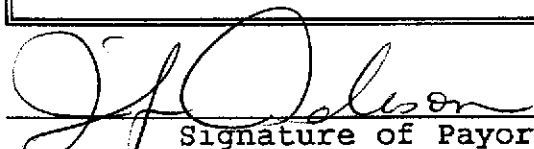
City, State & Zip Code

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

All Environmental, Inc.
Name

3364 Mt. Diablo Blvd.
Street Address

Lafayette, CA. 94549
City, State & Zip Code


Signature of Payor

JENNIFER ANDERSON
Name of Payor

(PLEASE PRINT CLEARLY)

7/18/96

Date

ALL ENVIRONMENTAL, INC.
Company Name of Payor

RETURN FORM TO:

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

HEALTH AND SAFETY PLAN

Prepared for:

Omega Termite Control
807 75th Avenue
Oakland, CA

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the tank removal project located at 807 75th Avenue in Oakland, California. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc. or their respective companies.

B. WORK DESCRIPTION

Prepared by: Jennifer Anderson, Project Manager

Site Manager: Dusty Roy

Scope of Work: All Environmental, Inc. (AEI) will remove (1) 5,000 gallon gasoline and (2) 500 gallon gasoline underground storage tanks located at the above address. The tanks will be emptied, removed and disposed of according to federal, state and local regulations. Soil samples will be collected from the native material, two feet beneath the tanks per county requirements, and from the stockpiled material. The excavation will be backfilled to match the surrounding conditions.

C. SITE/WASTE CHARACTERISTICS

Hazard Level: Serious: Low: XXX
 Moderate: XXX Unknown:

Waste Type: Solid: Underground Storage Tank
 Sludge: None
 Liquid: Remaining Product Inside Tank
 Gas: None

Hazard Characteristics: Combustible, Toxic

There will be a three feet boundary surrounding the excavation pit and the stockpiled material. The area within this boundary is considered an exclusion zone and only qualified personnel will be allowed to enter. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Site Manager.

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found at sites which previously handled petroleum hydrocarbons, including home heating diesel fuel.

1. Benzene

- a. Colorless to light yellow, flammable liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression. Benzene is carcinogenic.*
- d. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene

- a. Colorless liquid with a sweet, pungent, benzene like odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

3. Xylene

- a. Colorless liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

4. Ethylbenzene

- a. Colorless liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, ingestion, and skin and/or eye contact.**
~~Ethylbenzene is carcinogenic.*~~ R.A.
- c. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

* Known to the State of California to cause cancer.

5. Lead

- a. A heavy ductile soft grey metal.
- b. Toxic hazard by **inhalation, ingestion, and skin and/or eye contact.**
- c. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is carcinogenic.*
- d. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb (in vapor).

6. Diesel

- a. Colorless to dark brown, combustible liquid with an aromatic odor
- b. Toxic hazard by **inhalation, ingestion, skin and/or eye contact.**
- c. Inhalation of vapors may depress the central nervous system, increasing reaction times, and decreasing pulse rate and blood pressure. Skin irritant.
- d. Occupational exposure limit 5.0 ppm (in vapor).

7. Gasoline

- a. Colorless liquid with a strong aromatic odor. Highly volatile and extremely flammable.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Inhalation of vapors can cause depression of the central nervous system with symptoms such as headache, dizziness, nausea and loss of coordination. Skin contact can cause defatting of the skin, skin irritation and dermatitis. Benzene is a major constituent of gasoline.
- d. Permissible exposure level for a time weighted average over an eight hour period is 300 ppm.

8. Waste Oil

- a. Toxic hazard by **ingestion and possibly inhalation.**
- b. Prolonged contact may cause skin irritation and dermatitis. Waste oil may be carcinogenic.*
- c. Waste oil may contain metals or toxic organics from thermal breakdown of the oil. In some cases, chlorinated solvents may be present.
- d. Permissible exposure level for a time weighted average over an eight hour period is 5 ppm (in vapor).

* Known to the State of California to cause cancer.

Dusty Roy has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. A safe perimeter has been established at a three feet radius surrounding the site. These boundaries are identified by yellow caution tape and orange safety cones. Personnel shall maintain the maximum distance from the pit while performing their duties. No one shall enter an excavation pit that is greater than five feet in depth unless the excavation is shored or sloped and no one shall climb on the stockpiled material except to cover it with plastic. Additional hazards on site include heavy equipment and overhead lifting equipment. Heavy equipment used for performing the tank removal project may include a backhoe, an excavator, or a crane for lifting the tank out of the excavation. Only 40 hour trained personnel will operate equipment or perform any duty associated with this project. A hard hat and steel toed boots are mandatory for all personnel associated with the tank removal.

A FIRST AID KIT AND A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING 911 ON THE TELEPHONE LOCATED IN THE SITE MANAGER'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level "D" protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more than five minutes, or if any single reading exceeds 25 ppm. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceed's 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the excavation exceeds 1,000 ppm or 10% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:

Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:

Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:

Half face respirator / Hard hat / Safety glasses / Steel toe boots / Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, organic vapor w-filter is the appropriate canister for use with the involved substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE COMPANY SAFETY OFFICER, J. S. ANDERSON.

F. MONITORING INSTRUMENTS

The following environmental monitoring instruments shall be used on site at specified intervals.

Lower Explosive Limit (LEL) Meter that will also check the tank for Oxygen levels will be used to check the tank for removal and transportation.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

San Leandro Hospital **(510) 357-6500**

DIRECTIONS FROM THE JOB SITE:

EXIT JOBSITE AND GO:

LEFT ON 75TH AVENUE
RIGHT ON E. 14TH STREET
CONTINUE ON E. 14TH STREET
HOSPITAL LOCATED AT 13855 E. 14TH STREET

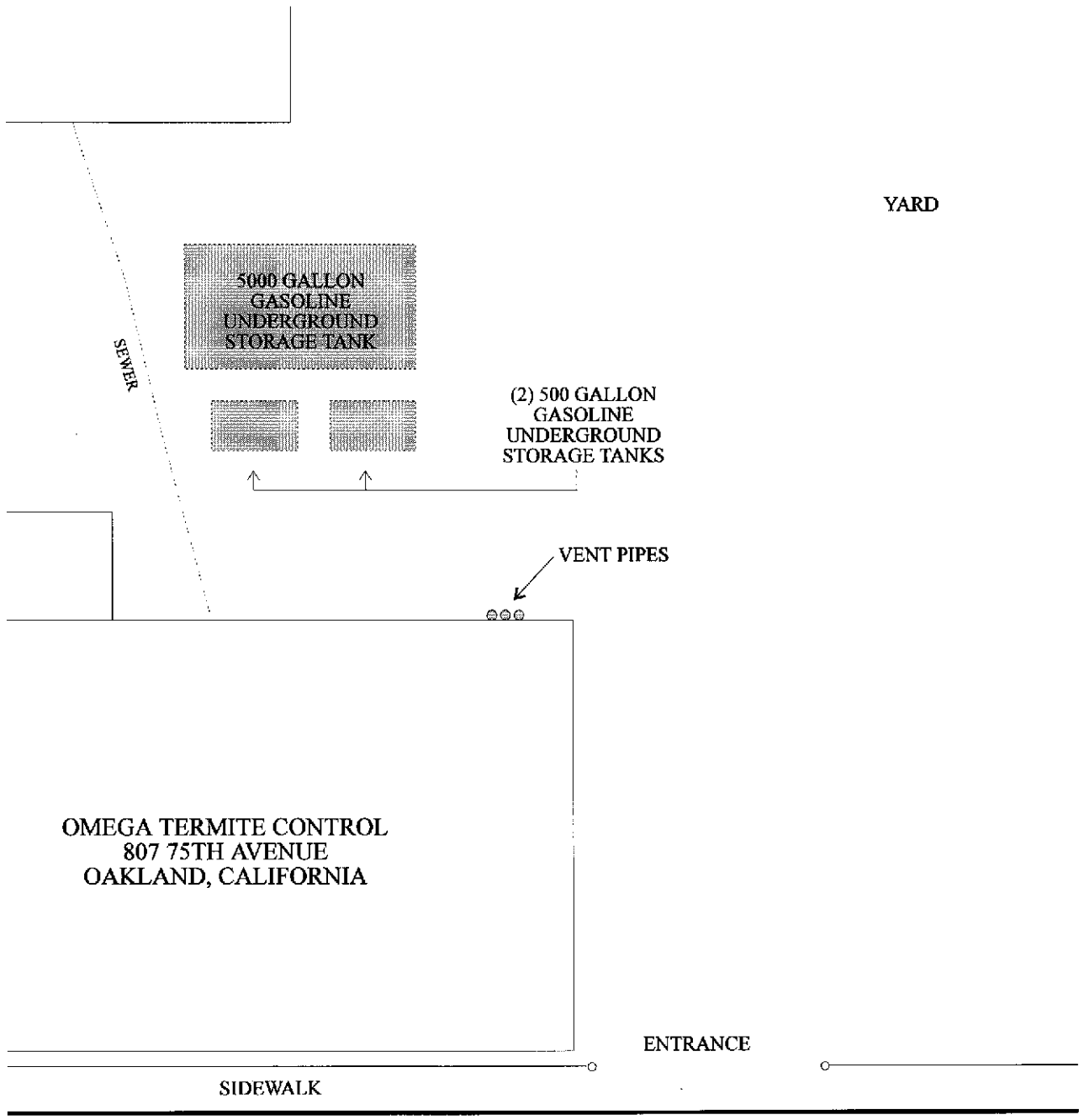
H. READ AND SIGN

The work party was briefed on the contents of this plan on _____ at 8:00 am. All site personnel have read the above plan and are familiar with its provisions.

NAME:

SIGNATURE:

COMPANY NAME:



OMEGA TERMITE CONTROL
807 75TH AVENUE
OAKLAND, CALIFORNIA

YARD

5000 GALLON
GASOLINE
UNDERGROUND
STORAGE TANK

(2) 500 GALLON
GASOLINE
UNDERGROUND
STORAGE TANKS

SEWER

VENT PIPES

ENTRANCE

SIDEWALK

75TH AVENUE

← TO SAN LEANDRO AVENUE



ALL ENVIRONMENTAL, INC. 3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 10 FT	APPROVED BY:	DRAWN BY: J. S. ANDERSON
DATE: 18 JULY 96		REVISED: J.S. ANDERSON
SITE PLAN		
807 75th AVENUE OAKLAND, CALIFORNIA		DRAWING NUMBER: FIGURE 1

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

JULY 12, 1996

POLICY NUMBER: 1331065-95
CERTIFICATE EXPIRES: 10/23/96

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPT. OF ENVIRONMENTAL HEALTH-ENVIRONMENTAL PROTECT DIVISION
1131 HARBOR BAY PARKWAY, ROOM 250
ALAMEDA, CA 94502-6677

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ten days' advance written notice to the employer.

We will also give you TEN days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.


PRESIDENT

EMPLOYER'S LIABILITY LIMIT: \$1,000,000 PER OCCURRENCE.

EMPLOYER

ALL ENVIRONMENTAL INC.
3364 MOUNT DIABLO BLVD.
LAFAYETTE, CA 94549