

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



out
8-23-05

August 22, 2005

Mr. Ignacio Dayrit
City of Emeryville
1333 Park Ave.
Emeryville, CA 94608

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

Dear Mr. Dayrit:

Subject: Fuel Leak Case RO0000453, Former Celis Service Station,
4000 San Pablo Ave., Emeryville, CA 94608

Alameda County Environmental Health (ACEH) has reviewed the July 14, 2005 Work Plan Addendum to the April 2005 Review of Investigation and Remediation Results and Workplan for Additional Investigation at Former Celis' Alliance Service Station prepared by OTG EnviroEngineering Solutions, Inc. (OTG). The work plan proposes eight (8) soil borings in order to determine the down-gradient extent of petroleum contamination from the former USTs at the former Celis' Alliance Service Station. We request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

Contaminant Plume Definition

1. Our office approves the proposed location of the (8) borings. The borings are to be advanced to a depth of 20'. Please extend the depth of the boring if needed to determine the vertical extent of contamination. Your groundwater sample should be collected from a slotted interval of no greater than 5' in length. Additional groundwater samples should be collected if more than one water-bearing zone is encountered. Samples should be analyzed for TPHg, TPHd, TPH as mineral spirits, BTEX, MTBE, TAME, ETBE, DIPE, TBA, EDB and EDC.

Conduit Study/Receptor Survey

2. In addition to the proposed borings in the potential preferential pathways of utilities and gravel streambeds, please identify utilities down-gradient of this site and determine their potential for preferential contaminant migration. In addition, please provide a detailed survey of all wells (monitoring and production wells: active, inactive, standby, destroyed (sealed with concrete), abandoned (improperly destroyed); and dewatering, drainage, and cathodic protection wells) within a ½ mile radius of the subject site.
3. Geotracker EDF Submittals - A review of the case file and the State Water Resources Control Board's (SWRCB) Geotracker website indicate that electronic copies of analytical data have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports (LUFT or SLIC) is required in Geotracker (in PDF format).

In order to remain in regulatory compliance, please upload all LUFT analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation. Please perform the electronic submittals for applicable data and submit verification to this Agency.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to our office according to the following schedule.

- 45 days after completion of investigation- Contaminant Plume Definition report and recommendation for monitoring well installation.
- September 30, 2005- Conduit and Receptor Survey

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) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

C: B. Chan, D. Drogos
Mr. Constantino Celis, 2200 Powell St., 12th Floor, Emeryville, CA 94608
Mr. Xingang Tong, URS Corp., 1333 Broadway, Suite 800, Oakland, CA 94612
Mr. Dai Watkins, The San Joaquin Company, 1120 Hollywood Ave., Suite 3,
Oakland, CA 94602-1459
Mr. Peter Schellinger, 5801 Christie Ave., Suite 455, Emeryville, CA 94608
Mr. Don Peterson, SNK Development, 185 Berry St., San Francisco, CA 94107

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



*out
6-29-05*

June 29, 2005

Mr. Ignacio Dayrit
City of Emeryville
1333 Park Ave.
Emeryville, CA 94608

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

Dear Mr. Dayrit:

Subject: Fuel Leak Case RO0000453, Former Celis Service Station,
4000 San Pablo Ave., Emeryville, CA 94608

Alameda County Environmental Health (ACEH) has reviewed the April 2005 Review of Investigation and Remediation Results and Workplan for Additional Investigation at Former Celis' Alliance Service Station. This report summarizes the existing data from prior reports and attempts to determine the likely extent of the petroleum release from the referenced site using MTBE and benzene detections at "markers" for the fuel release. A work plan for monitoring well installations is also provided in this report. We request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

Contaminant Plume Definition

1. The evaluation of analytical data provided in this report is creditable. The use of MTBE and benzene to estimate the potential release from this site is a reasonable approach. As such, there appears to be distinct boundaries from the contamination identified on the Oak Walk and the SNK Andante Redevelopment Areas. As previously requested in our 10/5/04 letter, we recommend that a series of borings along a transect perpendicular to the plume be installed prior to installing permanent monitoring wells for the collection of depth discrete soil and groundwater samples. This will help with the proper location and construction of the wells. Please provide a work plan addendum, preferably electronically, as requested below. Your groundwater investigation and well construction should be consistent with the boring results.

Conduit Study

2. We concur with the proposal to perform a conduit study to identify potential preferential pathways. If pathways are identified, please evaluate the need and propose appropriate sampling within or along the pathways. Please provide your study as requested below.

TECHNICAL REPORT REQUEST

Please submit your work plan addendum and conduit study to our office by July 29, 2005.

June 29, 2005
4000 San Pablo Ave., Emeryville, 94608
RO 453
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, D. Drogos

Mr. Constantino Celis, 2200 Powell St., 12th Floor, Emeryville, CA 94608

Mr. Xingang Tong, URS Corp., 1333 Broadway, Suite 800, Oakland, CA 94612

Mr. Dai Watkins, The San Joaquin Company, 1120 Hollywood Ave., Suite 3,
Oakland, CA 94602-1459

Mr. Peter Schellinger, 5801 Christie Ave., Suite 455, Emeryville, CA 94608

Mr. Don Peterson, SNK Development, 185 Berry St., San Francisco, CA 94107

6_29_05 4000SanPabloAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

October 6, 2004

Mr. Ignacio Dayrit
City of Emeryville
1333 Park Ave.
Emeryville, CA 94608

Dear Mr. Dayrit:

Subject: Fuel Leak Case RO0000453, Former Celis Service Station,
4000 San Pablo Ave., Emeryville, CA 94608

Alameda County Environmental Health (ACEH) has reviewed the file for the subject site including the June 16, 2004 report from The San Joaquin Company. Data from this report was discussed during the August 12, 2004 meeting, which you attended, at the County offices. As you are aware, the petroleum release from the Celis property has been implicated in affecting neighboring properties surrounding the site, in particular to the south on the SNK Andante development and to the north on the proposed Oak Walk site. Contamination to the east, within 40th St. was also found. The petroleum contamination found is likely from the Celis site and the former San Francisco French Bread site located at 4070 San Pablo Ave. When the Celis site was originally investigated, surrounding sites were mainly commercial. Therefore, the risk evaluation performed evaluated the likely exposure pathways, ie residential outdoor air and commercial indoor air. With the newly constructed and proposed residential developments, residential indoor air exposure must also be examined. Our office has determined that additional information is needed to progress this site towards closure. Please address the following technical comments and submit the technical report requested.

TECHNICAL COMMENTS

Contaminant Plume Definition

1. It also appears that the full lateral and vertical extent of contamination from this site has not been determined. Although soil and groundwater data does exist from prior investigations, the completeness of the investigations has not been demonstrated. As previously stated, commingling of contamination from the former San Francisco Bread site is possible. In addition, The San Joaquin Company (SJC) investigations have named the Celis site as the source of much of the contamination found on the SNK Andante and Oak Walk sites. Therefore, additional investigation is required to characterize the lateral and vertical extent of the Celis property plume. Such an investigation would presumably include transects of borings and depth discrete soil and groundwater sampling within and surrounding the site. Off-site access permits and agreements should be initiated to expedite your investigation. You are encouraged to examine existing data. Please have your consultant comment on the alleged extent of contamination having originated from this site. Based upon the results of your investigation, additional recommendations

October 6, 2004
Mr. Ignacio Dayrit
RO0000453
4000 San Pablo Ave., Emeryville, CA 94608
Page 2

should be made ie resumption of monitoring, additional monitoring wells, interim remediation, risk assessment, etc.

Conduit Study

2. We request that you perform a conduit study that details the potential migration pathways and potential conduits (utilities, storm drains, stream beds, foundations, etc.) that may be in the vicinity of the site. Please provide a map showing the location and depths of the utilities. The conduit study should identify wells (of all types) within a ¼ mile radius of this site. Please comment on the preferential pathways and their ability to cause off-site contamination. As part of the conduit study, please review the historical site use of this and neighboring properties using historical (Sanborn) maps and aerial photos as appropriate.

Hydrogeology and Groundwater Flow Conditions

3. Please provide detailed cross sections and a rose diagram for the site. Please include depth to water and contaminant concentrations on the figures.

Please provide the requested technical reports and a work plan to define the lateral and vertical extent of the plume to our office by November 8, 2004.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. Constantino Celis, 2200 Powell St., 12th Floor, Emeryville, CA 94608

Mr. Xingang Tong, URS Corp., 1333 Broadway, Suite 800, Oakland, CA 94612

Mr. Dai Watkins, The San Joaquin Company, 1120 Hollywood Ave., Suite 3,
Oakland, CA 94602-1459

Mr. Peter Schellinger, 5801 Christie Ave., Suite 455, Emeryville, CA 94608

Mr. Don Peterson, SNK Development, 185 Berry St., San Francisco, CA 94107

10_5_04 4000SanPabloAve

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO453

September 24, 1999
StID # 5550

Mr. Douglas Day
AECO Management Enterprises
4016 E. 14th St.
Oakland CA 94601

ENVIRONMENTAL HEALTH SERVICES

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

Re: Underground Tank Removals at 4000 and 4028 E. 14th St., Oakland CA 94601

Dear Mr. Day:

This letter serves to update you on the status of the above two sites. Although there may be others who may have contributed to the lack of action at these sites, you ultimately must see that all requested items are addressed.

In regards to 4028 E. 14th St., you reportedly have a report detailing the removal, over-excavation and confirmation sampling for this site. Mr. Herbst stated that a new consultant would take all preliminary information and submit a comprehensive report. To date, our office and that of the County District Attorney Office has not received this report. Without this report, you are requested to perform additional sampling to document current soil and groundwater conditions at this site. Please submit the complete tank removal report or your work plan for site re-sampling to our office and the District Attorney's office **within 30 days or no later than October 25, 1999.**

In regards to 4000 E. 14th St., the complete underground tank removal plans for the two tanks has not been sent to our office. You stated that Mr. Soloway was preventing you from accessing the funds to remove the tanks. Mr. Soloway did submit an additional deposit for the County's oversight of the removals, however, as aforementioned Mr. Herbst has not submitted an amended closure plan as requested. I again suggest that you seek another contractor if you cannot get job satisfaction. Please submit the complete set of three underground tank removal plans to our office **within 30 days or no later than October 25, 1999.**

I will recommend that the District Attorney Office seek enforcement if you fail to meet the requested deadlines. You may contact me at (510) 567-6765 if you have any questions or comments.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. J. Duerig, Alameda County District Attorney Office
Mr. L. Soloway, 3527 Mt. Diablo Blvd. PBE 188, Lafayette, CA 94549
Mr. E. Herbst, 8561 Younger Creek Dr., P.O. Box 294067, Sacramento, CA 95829
USTs4000/4048E14

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0453

June 30, 1999
StID # 5550

Mr. Leonard Soloway
1981 Broadway, Suite 315
Walnut Creek, CA 94596

ENVIRONMENTAL HEALTH SERVICES

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

Re: Request for Deposit for Underground Tank Removals at 4000 E. 14th St., Oakland CA 94601

Dear Mr. Soloway:

This letter follows up our June 16, 1999 conversation where I requested additional funds for the oversight of the underground tank removals for the above site. Mr. Ed Herbst had recommended that I call you regarding this matter. You said that I need only to write a letter requesting the additional funds and you would send a check. Therefore, please submit a check for \$1000.00 payable to Alameda County Environmental Health for our office's oversight of the removal of the two underground tanks. Please write **Project # 4512A- Type R, Additional deposit** on the check.

I understand that funds have already been given to Mr. Herbst to initiate the removals. As you are aware, my May 21, 1999 letter to Mr. Herbst requested that he correct the original underground tank closure plans and resubmit them to our office. I also requested that the tank removals be scheduled by July 2, 1999. This deadline, obviously, will not be met. You may want to consider changing contractors if you cannot get satisfaction for this work.

In addition, I was informed by Ms. Jill Duerig of the County District Attorney Office that a proper underground tank closure report for 4028 E. 14th St. would be provided our office. Apparently, Mr. Herbst was to arrange for this action. This has not occurred. As you are aware, the District Attorney Office is prepared to pursue enforcement action against either Mr. Day or the Day Trust if compliance does not occur.

Please submit the requested deposit and tank closure reports **within 15 days or by July 16, 1999 and schedule the tank removals by July 30, 1999.** 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. E. Herbst, Herbst Engineering, P.O. Box 22504, Sacramento, CA 95822

Mr. D. Day, 4016 E. 14th St., Oakland CA 94601

Ms. J. Duerig, Alameda County District Attorney Office

Mr. H. Gomez, City of Oakland Fire Dept., 504 14th St., 7th Floor, Oakland, CA 94612

Dep/rep4000E14

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0453

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

June 9, 1999

Mr. Ignacio Dayrit
City of Emeryville Redevelopment Agency
2200 Powell Street, 12th Floor
Emeryville, California 94608

**RE: Former Celis Service Station (STID # 567)
4000 San Pablo Avenue, Emeryville, California 94608**

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Dayrit:

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

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

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

LANDOWNER NOTIFICATION

Re: 4000 San Pablo Avenue, Emeryville

June 9, 1999

Page 2 of 2

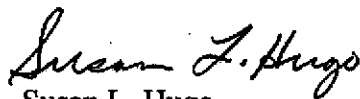
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

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

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

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
SH / files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Rb2453

May 21, 1999
StID # 5550

Mr. Ed Herbst
Herbst Engineering, Inc.
P.O. Box 22504
Sacramento, CA 95822

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

Re: Underground Tank Closure Plans for 4000 E. 14th St., Oakland CA 94601

Dear Mr. Herbst:

I have enclosed a copy of the original underground tank closure plans submitted to our office in January 1997 and a copy of the January 16, 1997 letter from Ms. Amy Leech requesting the correction of six (6) items on the plan. Please verify and correct these items and resubmit. Alameda County will oversee the tank removal since this removal application was submitted prior to transfer of the underground tank program to the City of Oakland.

I understand that you have received a deposit from Mr. Soloway to proceed with the underground tank removals. I further understand that you have been authorized by Mr. Doug Day to have a registered professional prepare a signed, stamped underground tank closure report for the 4028 E. 14th St. tank removals.

Please be aware that the initial deposit for the County's oversight has been expended. The balance for this account is -\$153.00. Please submit a check for \$1000.00 payable to Alameda County Environmental Health to cover the prior balance and future oversight costs. Please write Project # 4514A- Type R, 4000 E. 14th St., Oakland 94601 (additional deposit) on this check.

Please provide the above requested items within 30 days and schedule your tank removal within 45 days or no later than July 2, 1999. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure (Mr. Herbst only)

C: B. Chan, files

Mr. L. Soloway, 1981 N. Broadway, Suite 315, Walnut Creek, CA 94596

Mr. D. Day, 4016 E. 14th St., Oakland CA 94601

Ms. Jill Duerig, Alameda County District Attorney Office

Mr. H. Gomez, City of Oakland Fire Dept., 504 14th St., 7th Floor, Oakland CA 94612

USTre4000 E14

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

20453

November 5, 1997

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

Mr. Ignacio Dayrit
City of Emeryville Redevelopment Agency
2200 Powell Street, Suite 1200
Emeryville, California 94608

RE: RBCA Evaluation Report (Development of Site-Specific Target Levels for Soil and Groundwater) 40th Street Right-of-Way, Emeryville, CA 94608 (STID# 567)

Dear Mr. Dayrit:

This agency has reviewed the "RBCA Evaluation Report" dated April 1997, prepared and submitted by Woodward-Clyde Consultants (WCC) for the above referenced site. The report provided the results of a risk-based evaluation to develop site-specific target levels (SSTLs) for chemicals detected in soil and groundwater at the subject site.

I have also received and reviewed the addendum to the report documenting changes made on pages 2-2 and 2-4 as discussed with Mr. Zinggang Tong and Mr. Marco Lobascio of WCC on October 31, 1997.

This office concurs with WCC's recommendations that no further action for soil is warranted and groundwater monitoring program should be implemented to demonstrate plume stability and chemical degradation. In addition, the site will be evaluated for closure as a low risk soil and groundwater case with the following conditions: free product is not present in any of the wells, the plume is stable, chemical degradation is present and benzene concentration in groundwater is below the site specific target level (SSTL).

It is my understanding that a replacement well for LF-1 (decommissioned during construction activities) has been installed and groundwater monitoring program for the site has been initiated. Please submit a copy of the monitoring well installation report and the groundwater data collected to date for the site.

If you have any questions regarding this letter, please contact me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Susan L. Hugo

Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Chief, Environmental Protection Division / SH / files
Ravi Arunantham, San Francisco Bay RWQCB
Kevin Graves, San Francisco Bay RWQCB
Zinggang Tong / Marco Lobascio, WCC, 500 12th St., Suite 100, Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



STID# 567 : CELIS SERVICE STN.
4000 SAN PABLO AVE.
EMERYVILLE, CA
RO# 453

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

March 7, 1997
STID # 567

Mr. Ignacio Dayrit
City of Emeryville Redevelopment Agency
2200 Powell Street, Suite 1200
Emeryville, California 94608

RE: Proposed Approach for Development of Site Specific Target Levels for Soil and Groundwater - 40th Street Right-of-Way, Emeryville, California 94608

Dear Mr. Dayrit:

This agency has reviewed the "Proposed Approach for Development Of Risk Based Site Specific Target Levels (SSTLs) for Soil and Groundwater for the 40th Street Right-of-Way" dated February 5, 1997, prepared and submitted by Woodward Clyde Consultants for the above referenced site.

This office concurs with the proposed RBCA approach for the subject site.

Please call me at (510) 567-6780 if you have any questions regarding this letter or the subject site.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

Madhulla Logan
Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection Division
Kevin Graves, San Francisco Bay RWQCB
Xinggong Tong / Marco Lobascio, Woodward Clyde Consultants
500 12th Street, Suite 100, Oakland, CA 94607

SH / files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 453

December 12, 1996
STID # 567

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

Mr. Ignacio Dayrit
City of Emeryville, Redevelopment Agency
2200 Powell Street, 12th Floor
Emeryville, CA 94608

**RE: Closure Work Plan for the Former Celis Alliance Fuel Station
4000 San Pablo Avenue, Emeryville California 94608**

Dear Mr. Dayrit:

This agency has completed review of the "Closure Work Plan" dated September 26, 1996 and prepared by Woodward Clyde Consultants for the above referenced site. The work plan includes the following elements: installation of one groundwater extraction / monitoring well; free product removal if present; groundwater monitoring program for one year and RBCA risk evaluation.

The work plan is acceptable to this agency provided the items listed below are addressed:

- 1) Methyl tertiary butyl ether, lead and TPH as motor oil must be included as target analytes in soil and groundwater samples in addition to TPH gasoline, TPH diesel and BTEX. If TPH diesel is detected, the sample should be analyzed for polynuclear aromatic hydrocarbons (PAH's). If lead is not present during the initial sampling, it can be dropped from the monitoring program.
- 2) Free product up to 0.52 feet was present in the downgradient well (LF-1) near the property boundary along San Pablo Avenue. LF-1 was decommissioned during the excavation / construction / demolition activities at the site. The presence of preferential pathways (i. e. utilities) acting as a conduit for the hydrocarbon plume to migrate along San Pablo Avenue should be evaluated.
- 3) An existing off - site downgradient monitoring well LF-4 and the proposed new well (EW-1) should be sampled quarterly for one year and existing off - site well MW-2 will be used to establish groundwater flow direction for the site. Additional sampling points (i. e. groundwater monitoring wells, borings /grab water sample) may be required in the future to adequately characterize the extent of the petroleum hydrocarbon plume.
- 4) Please provide our office at least 72 hours advance notice of any field activity at the site.

Mr. Ignacio Dayrit
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
December 12, 1996
Page 2 of 2

If you have any questions concerning this letter or the subject site, please call me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection Division
Kevin Graves, San Francisco Bay RWQCB
Xingang Tong, WCC, 500 12th Street, Suite 100, Oakland, CA 94607
SH / files

ALAMEDA COUNTY
HEALTH CARE SERVICES



R0#453

AGENCY

DAVID J. KEARS, Agency Director

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

May 17, 1996

Mr. Dave Deaner
State Water Resources Control Board
Division of Clean Water Programs
2014 T Street, Suite 130
Sacramento, CA 94244-2120

RE: Underground Storage Tank Cleanup Fund Reimbursement
C.L. & R. Celis, 4000 San Pablo Avenue, Emeryville, CA 94608

Dear Mr. Deaner:

It has come to our attention that a cleanup fund reimbursement request has been submitted to your office on behalf of Mr. Constantino Celis and Ms. Remedios Celis ("claimants") and City of Emeryville ("co-payee"), owners of the referenced site. We understand that an initial review of the applicants' reimbursement request have been determined to be ineligible costs.

Mr. Michael Brady, counsel for the applicants, informed this office that the reimbursement request was denied. One of the reasons cited for denying the requests was the lack of target clean up levels and that the soil excavation conducted at the site may not be the most cost-effective method of remediation.

Ms. Susan Hugo of my staff is overseeing the investigation and remediation of petroleum hydrocarbon contamination in soil and groundwater at the referenced site. In addition, she is responsible for overseeing almost all sites in Emeryville that are conducting soil / groundwater investigation and remediation related to both leaking underground storage tank (LUST cases) and spill / leak investigation and cleanup (SLIC cases). Her involvement with numerous sites in Emeryville provides her with considerable knowledge of on going investigation and remediation and the clean up goals established for the neighboring sites.

The subject site, relatively small in size (approximately 100 ft x 100 ft) has been an operating service station since 1936. Groundwater in the area is very shallow (between 5 ft to 10 ft deep). Six USTs ranging from 550 gallon to 7000 gallon in capacity were removed on May 1994. During the tank removals, holes were found in the USTs. Free product was present in all the three excavation pits and air monitoring had to be conducted due to the strong hydrocarbon odor coming from the site.

Prior to the tank removals, Catellus Development (owner of the East Bay Bridge Center Project which is across and directly downgradient of the referenced site) installed an upgradient well on their property and found dissolved petroleum hydrocarbon which appeared to be originating from the subject site. On August 1993,

Mr. Dave Deaner
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
May 17, 1996
Page 2 of 3

Phase II (soil and groundwater investigation) was conducted at the subject site by Levine Fricke on behalf of Catellus Development. Fourteen soil borings were drilled and three groundwater monitoring wells were installed at the site. Results indicate that the soil and shallow groundwater beneath the site have been affected by petroleum hydrocarbon from the leaking tanks. The downgradient well (LF-1) along the western property boundary found free product (0.52 feet). On January 1994, monitoring well LF-4 was installed along the north side of 40th Street, approximately 160 feet west (downgradient) of well LF-1. Groundwater sample collected from LF-4 exhibited up to 21,000 ppb TPH gasoline, 2,200 ppb TPH diesel, 210 ppb TPH motor oil, 1100 ppb benzene, 2000 ppb toluene, 880 ppb ethyl benzene, and 4700 ppb xylene. It is apparent based on the data collected so far, that the petroleum hydrocarbon plume at the subject site had migrated off site and affecting the neighboring sites.

This agency has worked with the responsible parties and their consultants during all phases of the investigation conducted at the site to date, from the initial site characterization, identification that the USTs had leaked, removal of the leaking USTs, approval of soil excavation and the future groundwater monitoring program that needs to be implemented at the site.

Although no target cleanup goals has been submitted for the subject site, established cleanup goals for the neighboring site (East Bay Bridge Center Project) which is directly downgradient of the property were discussed during the numerous meetings with the responsible parties and their consultants. The soil cleanup goals established by this agency and the RWQCB for the East Bay Bridge Center Project are as follows: 1000 ppm TPH as oil and grease, 100 ppm TPH diesel, 10 ppm TPH gasoline and 1 ppm cumulative BTEX. These clean up levels may also be used for the subject site.

This agency believes that aggressive source removal (removing the leaking tanks and excavation of contaminated soil) should occur and have been implemented at the referenced site based on the following rationale:

- 1) Free product up to 0.52 feet was present in the downgradient well (LF-1) near the property boundary along San Pablo Avenue.
- 2) Petroleum hydrocarbon plume has migrated off site and affecting the neighboring site, East Bay Bridge Center Project which has an on-going groundwater investigation and remediation system. The upgradient well at the East Bay Bridge Center has been consistently detecting up to 7100 ppb

Mr. Dave Deaner
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
May 17, 1996
Page 3 of 3

TPH gasoline, 300 ppb TPH diesel, 76 ppb benzene, 9.5 ppb toluene, 210 ppb ethyl benzene, and 620 ppb xylenes.

- 3) Utilities along San Pablo Avenue are present and may act as preferential pathways for the hydrocarbon plume (free product in LF-1) to migrate to neighboring sites.
- 4) The site is very limited and petroleum hydrocarbon has been identified in both soil and groundwater samples collected from sampling points all over the subject site. In addition shallow groundwater at 5 ft to 10 ft deep is present. During the removal of the tanks, free floating product was present in all the excavation pits.
- 5) The subject site was part of the 40th Street right of way extension and installing an in-situ remediation system in the street is not practical. In addition, leaving the contaminated soil and free product at the site for future roadway present a significant risk to future construction and utility workers.
- 6) Excavation of impacted material surrounding the leak is one of the best source removal technology for removing free product.

The soil excavation conducted at the site and approved by this agency appeared to be a very cost effective if not the most cost effective remediation for the site and may have shorten the time frame for both the remediation and future groundwater monitoring program.

In closing, we respectfully request that your office reconsider the reimbursement requests by the responsible parties and rule in their favor based on the information we have provided in this letter. Please feel free to contact me at (510) 567-6782, or Ms. Susan Hugo of my staff at (510) 567-6780, to discuss the case in more detail.

Sincerely,



Thomas Peacock, LOP Program Manager

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Chief, Environmental Protection Div / files
Michael Brady, 555 Capitol Mall, 9th Fl Sacramento CA 95814
Constantino Celis, 2319 Monte Vista Drive, Pinole, CA 94564
Ignacio Dayrit, City of Emeryville, 2200 Powell Street
12th Floor, Emeryville, CA 94608

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



R0453

RAFAT A. SHAHID, DIRECTOR

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

June 20, 1995

STID# 567

Mr. Ignacio Dayrit
City of Emeryville, Redevelopment Agency
2200 Powell Street, 12th Floor
Emeryville, CA 94608

**RE: Report on Soil Remediation at the Former Celis Alliance Fuel
Station - 4000 San Pablo Avenue, Emeryville, California 94608**

Dear Mr. Dayrit:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the "Report on Soil Remediation at the Former Celis Alliance Fuel Station" dated January 6, 1995 and prepared by Woodward Clyde Consultants for the referenced site. This report was received by our office on March 24, 1995.

The report documented the tasks conducted at the site as part of the "Work Plan for Additional Site Investigation and Limited Soil Excavation" (June 17, 1994) prepared by Woodward Clyde and approved by this office on August 24, 1994. Petroleum-affected soil was excavated across the entire site down to groundwater level and verification soil samples from the bottom and sidewalls were collected and analyzed for target compounds. Additionally, the three on-site monitoring wells were appropriately decommissioned.

Confirmatory soil samples indicated the presence of residual petroleum contamination at the subject site as high as 1,000 ppm TPH gasoline, 18,000 ppm TPH diesel, 15,000 ppm TPH oil and grease, 3.8 ppm benzene, 18 ppm toluene, 11 ppm ethyl benzene and 57 ppm xylenes.

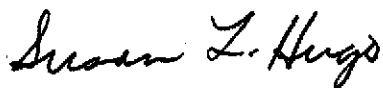
Three groundwater monitoring wells will be installed to replace the three wells that were decommissioned during the excavation of the contaminated soil. These three wells will be constructed after the completion of the 40th Street Right-of-Way extension through the site. Please provide our office with a time schedule for the 40th Street Right-of-Way extension activities and anticipated date of the installation of the three monitoring wells. The groundwater investigation must be implemented as soon as possible due to the free product found in the former monitoring well LF-1. Free product recovery activities must be initiated to prevent further migration of the contamination found at the site.

Mr. Ignacio Dayrit
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
June 20, 1995
Page 2 of 2

Response to the issues discussed in this letter must be provided to this office no later than July 24, 1995.

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Jun Makashima, Acting Chief, Environmental Protection
Division / files
Xingang Tong, Woodward Clyde Consultants, 500 12th Street
Suite 100, Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0453

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 24, 1994
STID# 567

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

Mr. Ignacio Dayrit
City of Emeryville
Redevelopment Agency
2200 Powell Street, Suite 200
Emeryville, California 94608

**Subject: Former Celis Alliance Service Station /
40th Street Right of Way - 4000 San Pablo Avenue
Emeryville, California 94608**

Dear Mr. Dayrit:

This office has completed review of the "Report on Removal of Six Underground Fuel Storage Tanks and Associated Piping" (July 6, 1994) prepared by Levine Fricke and the "Workplan for Additional Site Investigation and Limited Soil Excavation" (June 17, 1994) prepared by Woodward-Clyde for the referenced site.

Soil samples collected following removal of the former tanks showed elevated concentration of petroleum hydrocarbon as high as 640 ppm TPH gasoline, 1300 ppm TPH diesel, 5.3 ppm benzene, 16 ppm toluene, 24 ppm ethyl benzene and 91 ppm xylene. Collection of groundwater from the excavation pit was waived due to the presence of three monitoring wells at the site. One of the wells (LF-1) detected 6 inches of free floating product.

Based on this review and telephone discussion with Xinggang Tong of Woodward-Clyde in July 15, 1994, the workplan was verbally approved for implementation with the following conditions:

- 1) Due to the proposed excavation of contaminated soil at the site, the three monitoring wells located on site will be properly closed. However, replacement wells must be installed to continue the investigation of the groundwater contamination beneath the site. Groundwater flow direction must be established at the site. One of the wells must be installed in the verified downgradient location of the referenced property.
- 2) During borehole advancement, soil samples should be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology, and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field screening. At least one samples submitted for analysis from each boring must be from the saturated/unsaturated zone interface.

Mr. Ignacio Dayrit
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
August 24, 1994
Page 2 of 3

- 3) Wells should be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).
- 4) The vertical and lateral extent of soil and groundwater contamination must be delineated. The isoconcentration line of the contaminant plume must be determined.
- 5) Any waste (hazardous or non-hazardous) generated at the site must be characterized and disposed appropriately. Documents of all waste disposal must be provided to this office.
- 6) The summary of analyses for confirmation soil samples from the excavation pit is acceptable.

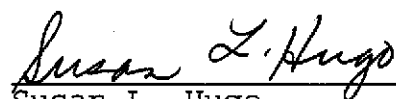
A report must be submitted within **30 days** after completion of this investigation. Until cleanup is complete, you will need to submit reports to this office every three months or at a more frequent interval, if specified at any time. In addition, the following items must be incorporated in your future reports or workplans:

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

Mr. Ignacio Dayrit
RE: 4000 San Pablo Avenue, Emeryville, CA 94608
August 24, 1994
Page 3 of 3

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division - files
Xingang Tong, Woodward Clyde- 500 12th Street, Suite 100
Oakland, CA 94607-4014
Constantino Celis, 2319 Monte Vista Drive, Pinole, CA 94564

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0453

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

September 11, 1991

Toni Celis
4000 San Pablo Avenue
Emeryville, CA 94608
Attn: Toni Celis

SUBJ: FIVE-YEAR UNDERGROUND STORAGE TANK OPERATING PERMIT

Dear Mr. Celis:

Please find enclosed a five-year underground storage tank operating permit for the subject facility. To operate under a valid permit, you are required to comply with the conditions as described in the revised Title 23, California Code of Regulations (CCR) which was adopted effective August 9, 1991. These conditions are summarized below:

- 1) The owner or operator shall comply with the reporting and recording requirements for unauthorized releases specified in Article 5;
- 2) Written records of all monitoring and maintenance performed shall be maintained on-site or off-site at a readily available location, for a period of at least three (3) years. These records must be made available, upon request within 36 hours, to a representative of our office;
- 3) Permits may be transferred to new underground storage tank owners if the new underground storage tank owner does not change any conditions of the permit, the transfer is registered with our office within 30 days of the change in ownership, and the tank permit application forms are completed to show the changes. Our office may review, modify, or terminate the permit to operate the underground storage tank upon receiving the ownership transfer request;

4000 San Pablo Ave. Emeryville, CA
September 11, 1991
Page 2 of 3

Also, per amended Title 23, you may utilize the following monitoring requirements according to the following sections:

1. Section 2643 - Non-Visual Monitoring/Quantitative Release Detection Method

- a) FOR UNDERGROUND STORAGE TANKS, Section 2643(c)(2)(a & B)
- annual tank integrity test, AND
 - monthly inventory reconciliation (see Item #2 for specifics)
- b) FOR SUCTION PIPINGS, Section 2643(e)
- triannual line tightness test, AND
 - daily monitoring (see Appendix II)

You may utilize other release detection methods for tanks and pipeline as outlined in Appendix IV of the revised Title 23, CCR. Enclosed is a copy of Appendix IV for your reference. Please send a letter to this office notifying us of any changes in the monitoring methods.

2. Section 2646 - Inventory Reconciliation

- a) The daily variation in inventory reconciliation shall be the difference between physically measured inventory in storage and the calculated inventory in storage. Daily variations shall be summed for a period of one month. Monthly variations exceeding a variation of 1% of the monthly tank delivery plus 100 gallons must be investigated in accordance with this section. You may use the inventory reconciliation worksheet provided to you during the inspection.
- b) Submit on an ANNUAL basis, a statement to our office which states that all inventory reconciliation data are within allowable variations or which includes a list of the period of times and corresponding variations which exceed the allowable variations. Said statement shall be executed under penalty of perjury.

4000 San Pablo Ave. Emeryville, CA
September 11, 1991
Page 3 of 3

Please note that after January 1, 1993, inventory reconciliation, and any other leak detection method that utilizes manual stick readings, shall NOT be used as part of non-visual monitoring for existing underground storage tanks containing hazardous substances including motor vehicle fuel, where the existing ground water level or the highest anticipated ground water level is less than 20 feet below the bottom of the tank. You may then choose other release detection method(s) for tanks and pipeline as outlined in Appendix IV.

Consult the revised Title 23, CCR for additional requirements. To obtain a copy of the amended regulations, you may contact State Water Resources Control Board at (916) 324-1262.

Should you have any questions or concerns regarding the contents of this letter, please don't hesitate to contact Young Fong or myself at (510) 271-4320.

Sincerely,



Susan Hugo, Hazmat Specialist
Hazardous Materials Division

FYF:fyf

cc: Young Fong, Alameda County Dept. of Environmental Health
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Rc453

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

July 22, 1991

Mr. Micheal Katz
Environmental Specialist
Blymer Engineers, Inc.
1829 Clement Street
Alameda, CA 94501

Re: Site Search on the vicinity of 4050 Adeline Street,
Emeryville, CA 94608.

Dear Mr. Katz:

I have researched our files, for information pertinent to the 4050 Adeline site. You requested this in your letter dated May 15, 1991 drafted by Man-Li Lin. The inquiry was for information regarding hazardous materials storage and/or hazardous materials releases at the subject site and in adjacent areas. The following is a summary of my findings.

(R0337) (1) California Linen Supply
989-41st. Street
Oakland, CA 94608

Two underground storage tanks, chemicals on site: Ecolo-Fluor, sodium thiosulfate, alkaline cleaner.

(2) Rockridge Antiques
1010-41st. Street
Emeryville, CA 94608

No underground tanks on site, chemicals on site: oxalic acid, paint varnish remover, oil stains, lacquers & thinners. 50 gallon total.

(R073) (3) Frank Dunne Company
1007-41st. Street
Oakland, CA 94608

Four underground storage tanks removed July 17-19, 1988
Chemicals on site: wash solvent, acetone, tints, ester
alcohol, propylene, glycol & thinners. A September 12,
1989 report revealed chemical spill on sidewalk, our
office responded.

(4) National Upholstering
4000 Adeline Street
Emeryville, CA 94608

No underground storage tanks. Chemicals on site:
Lacquer, thinners, sanding sealers, acetone & gasoline
(for fuel).

(5) Carlos Body Shop
3969 Adeline Street
Emeryville, CA 94608

No underground storage tanks. Chemicals on site: paint
& thinners.

(6) MAZ Repair Shop
3906 Adeline Street
Emeryville, CA 94608

No hazardous materials stored or generated.

(7) All Weather Aluminum
4055 Linden Street
Oakland, CA 94608

No tanks on site. Chemicals on site: TEK

(R0186) (8) Fidelity Roofing
1075-40th Street
Oakland, CA 94608

Two underground storage tanks. Chemicals on site:
propane, acetylene, argon, transmission oil, thinners,
cleaning solvents & paints.

(R0171) (9) San Francisco French Bread
4070 San Pablo Avenue
Emeryville, CA 94608

Two underground tanks removed in 1989. Chemicals on site: cleaning solvent, zep alkaline cleaner. Both soil and groundwater contamination found. Remediation proceedings still pending.

(R0453) (10) Tony Celis Exxon
4000 San Pablo Avenue
Emeryville, CA 94608

Six underground tanks, chemicals on site: gasoline, diesel, waste oil, cleaning solvents.

(11) Emergency Response
41st and San Pablo Avenue
Emeryville, CA 94608

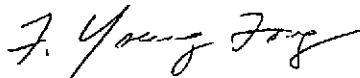
June 18, 1990, Paul Smith of our office visited this site when a P.G. & E. excavation pit showed signs of soil contamination containing heavy oil & tar compounds. City of Emeryville Public Works Department is addressing remediation of site.

This letter is limited to information currently available to this department and does not reflect any other information which may be accessible from other local agencies involved with this business.

You will be billed for the provision of this service. Please find enclosed a copy of the invoice sent to our billing unit.

If you have any questions concerning his matter, please contact me at (415) 271-4320.

Very truly yours



F. Young Fong
Environmental Health Specialist

FYF:sms

65