

**Drogos, Donna, Env. Health**

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**From:** Amber Froines [AFroines@pangeaenv.com]  
**Sent:** Wednesday, August 01, 2007 4:08 PM  
**To:** dehloptoxic, Env. Health  
**Cc:** Drogos, Donna, Env. Health  
**Subject:** RO# 0000139 Report Upload

This serves to notify you that the following report has been uploaded to the ftp site:

Feasibility Test Report and Interim Remedial Action Plan

5175 Broadway Oakland, CA

Thank you,

Amber Froines

Pangea Environmental Services

RO139

**Hwang, Don, Env. Health**

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**From:** Bob Clark-Riddell [BRiddell@pangeaenv.com]  
**Sent:** Monday, October 02, 2006 12:48 PM  
**To:** Hwang, Don, Env. Health  
**Cc:** dsdiamond@planetdiamond.net  
**Subject:** 5175 Broadway. Case No RO0000139

Don,

This email follows up Pangea's recent correspondence with you regarding the subject site. Thank you for providing su with a copy of the December 22, 2005 letter prepared by your agency. Pangea is preparing a technical document addressing specific concerned identified in this letter. Our document will present Site Conceptual Model information, which was not provided in the May 8, 2006 report to you (prepared by others). Our document will also future tasks, as introduced in our September 2, 2006 email to you. If you have any questions or comments, please call me at 510.435.8664.

Bob Clark-Riddell, P.E.  
Principal Engineer  
Pangea Environmental Services, Inc.  
1710 Franklin Street, Suite 200  
Oakland, CA 94612  
510.435.8664 phone  
510.836.3709 fascimile  
[briddell@pangeaenv.com](mailto:briddell@pangeaenv.com)  
[www.pangeaenv.com](http://www.pangeaenv.com)

10/3/2006

**Hwang, Don, Env. Health**

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**From:** Brent@ggtr.com  
**Sent:** Thursday, January 26, 2006 8:56 AM  
**To:** Hwang, Don, Env. Health  
**Cc:** Greti Wolf; Mark Youngkin; Tim Hallen; Mojdeh Mehdizadeh; Kent Tarman  
**Subject:** Notification of Proposed Drilling Activities - 5175 Broadway, Oakland (ACHCSA RO0000139)

Don,  
This is to notify the ACHCSA of drilling & sampling activities scheduled for Tuesday & Wednesday, January 31 and February 1, 2006 at the subject property. Drilling will commence at the site at approximately 8:00AM. No parking signs will be posted tomorrow along both Broadway and Coronado Avenue to accommodate drilling of B1-B3. Drilling and sampling will be conducted in general accordance with our September 12, 2005 Work Plan for Additional Site Characterization, approved by the ACHCSA in a letter dated 12/22/05. We have obtained Soil Boring and Encroachment permits through the ACPWA and City of Oakland, respectively. The RP is to provide access to the site (currently surrounded by cyclone fencing). Please call with any questions or concerns.

Brent A. Wheeler  
Consulting Division Manager  
Golden Gate Tank Removal, Inc.  
255 Shipley Street, San Francisco, CA 94107 Ph (415) 512-1555 Fax (415) 512-0964 Cell (415) 686-8846

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

December 22, 2005

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Fuel Leak Case No. [REDACTED] Former Exxon Station, 5175 Broadway  
St., Oakland, CA 94611

Alameda County Environmental Health staff has reviewed "Work Plan for Additional Site Characterization" dated September 12, 2005 by Golden Gate Tank Removal, Inc. We approve of the Work Plan. We request that you perform the proposed work and send us the technical reports requested below.

#### TECHNICAL REPORT REQUEST

Please submit a Soil and Groundwater Investigation Report to Alameda County Environmental Health (Attention: Don Hwang) by February 22, 2006.

#### ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and Toxics) 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 relied upon 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 separate from and in 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, parties responsible for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports 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](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.

## PROJECT APPROACH AND INVESTIGATION REPORTING

We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and downgradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some initial key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations. There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

The SCM approach is endorsed by both industry and the regulatory community. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines

for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project shall incorporate, but not be limited to, the following:

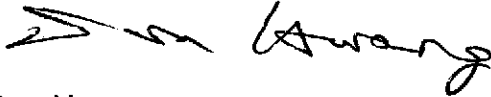
- a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.
- b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to downgradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Include structural contour maps (top of unit) and isopach maps to describe the geology at your site.
- c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
- d) Proposed activities to investigate and fill data gaps identified above.
- e) The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.
- f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.
- g) Several other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

Report the information discussed above in your initial SCM and include it in the Work Plan requested below. Include updates to your SCM in the Soil and Water Investigation (Results of Expedited Site Assessment) Report requested below.

Ms. Mehdizadeh  
December 22, 2005  
Page 4 of 4

If you have any questions, please call me at (510) 567-6746.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Hwang". The signature is written in a cursive style with a large, sweeping initial "D".

Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Golden Gate Tank Removal, Inc. 255 Shipley Street San Francisco, CA 94107  
Donna Drogos  
Files

RO 139

**Hwang, Don, Env. Health**

**From:** Bob Clark-Riddell [BRiddell@pangeaenv.com]  
**Sent:** Saturday, September 02, 2006 6:07 PM  
**To:** Hwang, Don, Env. Health  
**Cc:** Gary Feiner  
**Subject:** 5175 Broadway - Fuel Leak Case No. RO0000139  
**Importance:** High

Dear Mr. Hwang:

As I mentioned in my prior voicemail messages to you, the subject property at 5175 Broadway in Oakland has been sold to a new owner. **Pangea Environmental Services, Inc. (Pangea) has been retained by the new owner, the Rockridge Heights LLC as its environmental consultant for the subject site.** The new owner is Gary Feiner at 510.549.1719 or [garyfeiner@sbcglobal.net](mailto:garyfeiner@sbcglobal.net).

Since the last prior monitoring event was apparently conducted nearly four years ago (October 2002), Pangea performed a groundwater monitoring event on site wells to help evaluate current site conditions. **A separate-phase hydrocarbon thickness of 0.04 ft was measured in well STMW-4.** A groundwater monitoring report is under preparation.

Pangea has also reviewed the **May 8, 2006 report entitled "Preliminary Results of Site Characterization: Proposed Additional Activities"** prepared by Golden Gate Tank Removal (GGTR) for the subject site. Based on our review of the data presented in that report and previous site reports, Pangea wishes to make the following recommendations that differ from the recommendations presented in the section "Recommended Additional Site Characterization Activities" of the GGTR report:

1. The GGTR report recommendations do not include further onsite characterization. However, the vertical extent of onsite contamination is not well delineated, due to the paucity of wells at the site, the very long screen lengths of existing onsite wells (which may result in interconnection between relatively uncontaminated deeper groundwater and more contaminated shallow groundwater), and the limitation of the recently completed soil borings/hydropunch sampling to only shallow water-bearing horizons. These issues make development of a site conceptual model (SCM) and scoping of potential remedial measures subject to considerable uncertainty. Therefore, **Pangea recommends that a workplan be prepared that will provide for additional onsite characterization that will allow development of an accurate SCM to be used for scoping of remedial measures (Remedial measures are merited due to the elevated dissolved chemical concentrations in site wells and the observation of free product in one well).**
2. The proposed number of offsite grab groundwater sampling points recommended by GGTR seems excessive, in some cases incorrectly targeted, and with no specific rationale given in the GGTR report. Pangea recommends preparation of a workplan where the initial number of grab groundwater borings are reduced and in which stepout borings would be installed in a dynamic manner based on initial results.
3. Sufficient data on the lateral extent of shallow onsite contamination and gradient direction exists to allow siting of downgradient offsite monitoring wells during the next phase of investigation. Pangea suggests that the recommended workplan should provide rationale to replace at least two of the GGTR-proposed grab groundwater borings with monitoring wells, and include at least one potential stepout well based on initial results of groundwater sampling. Pangea also anticipates proposing wells with short screen lengths, and clustering two or more wells at given locations to provide vertical assessment. Pangea may also recommend abandonment of select existing wells with long screens for reasons described above.
4. In addition to recommending changes to proposed characterization data to be collected during the next phase of investigation, Pangea recommends that the recommended workplan include proposed preliminary feasibility testing of remedial measures that are likely to be effective under the field conditions present at the site.

**Pangea respectfully requests that your agency requests preparation of work plan to address the issues discussed**

9/7/2006



**above.** The workplan would propose additional onsite characterization, offsite characterization, vertical delineation, and a feasibility testing of existing and proposed wells to help evaluate interim remediation measures for the site. If you have any questions, please feel free to contact me at (510) 435-8664 or [briddell@pangeaenv.com](mailto:briddell@pangeaenv.com).

Bob

Bob Clark-Riddell, P.E.  
Principal Engineer  
Pangea Environmental Services, Inc.  
1710 Franklin Street, Suite 200  
Oakland, CA 94612  
510.435.8664 phone  
510.836.3709 fascimile  
[briddell@pangeaenv.com](mailto:briddell@pangeaenv.com)  
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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

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Fuel Leak Case No. RO0000139; Former Exxon Station, 5175 Broadway St., Oakland, CA 94611

Alameda County Environmental Health staff has reviewed "Conducting Human Health Risk Assessment" dated February 17, 2004 by SOMA Environmental Engineering, Inc. The purpose of the report was to evaluate the adverse impact of the residual chemicals in the groundwater on human health. We request that you address the following technical comments and send us the technical reports requested below.

#### TECHNICAL COMMENTS

- 1) Soil Exposure Pathways - Direct contact with soil was not evaluated. However, contaminant concentrations of up to 190 milligrams/kilogram (mg/kg) Total Petroleum Hydrocarbons-Gasoline (TPH-G) and 1.7 mg/kg benzene, were detected in the boring for MW-1. Therefore, please postpone proposal for human health screening evaluation for soil contaminants until site and soil characterizations have been completed.
- 2) Air Exposure Pathways – (Water Exposure Pathways - Potential emissions of groundwater VOCs into indoor air was evaluated as Air Exposure Pathways.) The DTSC-Modified Johnson and Ettinger (J&E) Model was utilized, specifically the Screening Groundwater Model or GW-SCREEN.
  - a) The data from the most recent sampling event, July 18, 2002, were used as input concentrations for the J&E Indoor Air Model. Instead, the more conservative highest concentration detected ought to have been used.
  - b) Site-specific physical parameters (e.g., total porosity, air-filled porosity, water-filled porosity and organic carbon content) were not measured at this site. Therefore, the default values ought to have been used.

Nevertheless, the total excess cancer risk for exposure to indoor air emissions associated with benzene detected in STMW-4 was calculated to be 2.5E-06. This exceeds the target total excess individual cancer risk of 1 E-06. Please postpone review of your human health screening evaluation and proposal to address these issues.

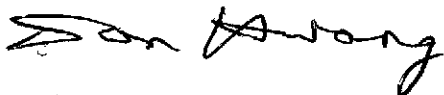
- 3) Site Characterization - Up to 13,800 micrograms/liter (ug/l) Total Petroleum Hydrocarbons-Gasoline (TPH-G) October 4, 2002 most recent quarter , maximum 72,000 ug/l and 590 ug/l ~~51,000 ug/l~~ benzene, have been detected in onsite monitoring wells. The lateral and vertical extent of your dissolved contaminant plume is undefined. Please propose additional sampling locations to define the plumes associated with your site in the Work Plan requested below. Include geologic cross-sections and show soil and groundwater analytical results, utility conduits, well screens, etc., and explain your rationale for the additional sampling locations. You may want to consider performing an investigation to quickly define the location of the contaminant plume downgradient from the release site prior to installing the permanent monitoring network. That will allow you to optimize the location and depth of the permanent wells, thereby reducing the cost of the monitoring work. Collection of groundwater samples using a one-time direct push water sampling tool would be appropriate for this investigation.
- 4) Source Characterization - Up to 970 mg/kg Total Petroleum Hydrocarbons-Gasoline (TPH-G) were detected in contaminated soil collected from downgradient borings MW-2 and MW-3. VSB-1 not on site plan. Thus, the source area has not been delineated. We request that you propose additional borings to delineate the lateral and vertical extent of soil contamination in the source area. Please propose boring locations in the Work Plan requested below.
- 5) Soil samples from borings - Include those at changes of lithology, at the soil/groundwater interface, and at areas of obvious contamination. Please propose where soil samples will be collected from borings in the Work Plan requested below.

#### TECHNICAL REPORT REQUEST

Please submit a Work Plan to the Alameda County Environmental Health (Attention: Don Hwang) by December 6, 2004.

If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Mansour Sepehr, SOMA Environmental Engineering, Inc., 2680 Bishop Drive,  
Suite 203, San Ramon, California  
Donna Drogos  
Files

C A M B R I A

September 30, 2004

VIA USMAIL & FAX (510) 337-9335

Alameda County  
UL 05 2004  
Environmental Health

Mr. Don Hwang  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Re: **Remediation System Shutdown Notification**  
Former Exxon Service Station  
3055 35th Avenue  
Oakland, California  
Cambria Project #130-0105



Dear Mr. Hwang:


On behalf of Mr. Lynn Worthington of Golden Empire Properties, Cambria Environmental Technology, Inc. (Cambria) has prepared this letter confirming your verbal approval to shutdown and remove the two phase extraction (TPE) system at the above-referenced site (site).

As discussed in our conversation on September 29, 2004, continued operation of the existing TPE system is no longer cost-effective based on the low hydrocarbon mass removal rates in vapor and groundwater.

Cambria wishes to implement an alternative remedial technique in order to accelerate cleanup of the site. Please provide written request for the preparation of a Corrective Action Plan (CAP) Addendum in which Cambria will propose an alternative remedial technique. The CAP Addendum will include a work plan to implement the selected remedial alternative which will accelerate site cleanup in accordance with revised cleanup goals.

If you have any questions, please call me at (510) 420-3361.

Sincerely,  
**Cambria Environmental Technology, Inc.**

  
Subbarao Nagulapaty  
Project Engineer

**Cambria  
Environmental  
Technology, Inc.**

5900 Hollis Street  
Suite A  
Emeryville, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

cc: Mr. Lynn Worthington, Golden Empire Properties, Inc. 5942 MacArthur Boulevard, Suite B, Oakland, California 94605

R 0 1 3 9

February 14, 2003

Don Hwang  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Alameda County**  
**FEB 20 2003**  
**Environmental Health**

Re: 5175 Broadway, Oakland, CA

Dear Mr. Hwang,

I am enclosing a letter dated November 9, 1990 from your agency indicating that the soil is clean and permitting us to backfill the soil into the pit. I am also enclosing the November 5, 1990 report from Tank Protect Engineering, which provides the work plan for the disposal of the stockpiled soil.

The property has been vacant for a decade and a half, as we've worked to comply with all regulations. We have suffered tremendous income loss as a result and due to the recent economic downturn, are facing financial hardship.

I truly appreciate your assistance and guidance as we work through a resolution to complete the file on this property. Please call me at your earliest convenience to discuss actions necessary to close this site. I can be reached at (925) 229-9056-Home or (925) 200-2765-Mobile.

Thank you,



Mojdeh Mehdizadeh  
On Behalf of the Mehdizadeh Family Trust

Enc.

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

December 17, 2002

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Fuel Leak Case No. RO0000139; Former Exxon Station, 5175 Broadway St.,  
Oakland, CA 94611

Alameda County Environmental Health staff has reviewed "Quarterly Groundwater Monitoring and Sampling ... October 25, 2002" by Enviro Soil Tech Consultants. Monitoring wells MW-3 and STMW-4 historically and this quarter have the highest Total Petroleum Hydrocarbons-Gasoline (TPH-G) and TPH-Diesel (TPH-D) concentrations, 11,000 micrograms/liter (ug/l) TPH-G and 4,900 ug/l TPH-D, for MW-3, and 13,000 ug/l TPH-G and 2,900 ug/l TPH-D, for STMW-4. The STMW-4 TPH-G concentration this quarter was the highest at this well and double recent concentrations. Recent benzene concentrations have been consistent. Benzene concentrations on October 4, 2002, were 280 ug/l and 590 ug/l, for MW-3 and STMW-4, respectively. However, STMW-4 is upgradient of the former gasoline tank excavation. For MW-1, TPH-G, TPH-D, and benzene concentrations, 1,800 ug/l, 520 ug/l, and 130 ug/l, were among the highest found at this well, and all were much higher than concentrations found recently. For MW-2, recent TPH-G, TPH-D, and benzene concentrations tended to fluctuate within a range. The TPH-G, TPH-D, and benzene concentrations on October 4, 2002, were 4,000 ug/l, 390 ug/l, and 440 ug/l, respectively. STMW-5's TPH-G and TPH-D concentrations have always fluctuated. On October 4, 2002, TPH-G and TPH-D concentrations were 1,400 ug/l and 60 ug/l, respectively. Recent benzene concentrations have been consistent. On October 4, 2002, benzene was 71 ug/l. We request that you address the following technical comments and send us the technical reports requested below.

#### TECHNICAL COMMENTS

- 1) Over-excavation and verification soil sampling was documented in a copy of the November 30, 1990 report by Tank Protect Engineering submitted to our office. It is currently missing from our file. Please send another copy.
- 2) Monitoring well diagrams including the depths of perforation have not been provided. Submit.
- 3) Historical Hydraulic Gradient - Please show using a rose diagram and also include magnitude and direction.

- 4) Groundwater Analytical Results for Fuel Oxygenates by EPA Method 8260 – Please tabulate with a column for each compound.
- 5) Contaminant Concentrations and “Depth To Water” Graphs - Please include “Monitoring Well Screen Depths”.
- 6) Methyl tertiary-butyl ether (MTBE) groundwater concentrations have been low or nondetectable (ND) for all wells. Thus, groundwater analyses for MTBE may be suspended.

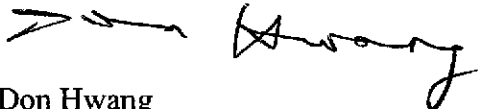
#### TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang) by January 17, 2003:

- a) November 30, 1990 report by Tank Protect Engineering
- b) Monitoring well diagrams
- c) Historical Hydraulic Gradient
- d) Revised Groundwater Analytical Results for Fuel Oxygenates by EPA Method 8260 Table
- e) Contaminant Concentrations and “Depth To Water” Graphs with “Monitoring Well Screen Depths”

If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

√Files

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

December 13, 2001

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
RO0000139

The letter dated October 16, 2001 by SOMA Environmental Engineering proposing to evaluate risk from the elevated concentrations of Total Petroleum Hydrocarbons-Gasoline (TPH-G) in groundwater was reviewed. We concur with the inclusion of risk evaluation after differentiation of its hydrocarbon components. For EPA Method 8015B Modified, please specify carbon ranges C5 to C8, C9 to C12, C9 to C18, C19 to C36 for the aliphatics. The workplan is acceptable.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Mansour Sepehr, SOMA Environmental Engineering, 2680 Bishop Dr., Suite 203, San Ramon, CA 94583

Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

File



October 16, 2001

Mr. Don Hwang  
Hazardous Materials Specialist  
Alameda County  
Environmental Health Services  
1131 Harbor Bay Parkway  
Suite 250  
Alameda, California 94598

OCT 18 2001

  
ENVIRONMENTAL ENGINEERING, INC  
2680 Bishop Drive • Suite 203 • San Ramon, CA 94583  
TEL (925) 244-6600 • FAX (925) 244-6601

Subject: Former Exxon Station, 5175 Broadway Street, Oakland, CA 94611  
RO0000139

Dear Mr. Hwang:

This letter has been prepared by SOMA Environmental Engineering (SOMA) on behalf of Ms. Mojdeh Mehdizadeh, as a workplan per your request dated May 16, 2001. As you have indicated in your letter, elevated levels of total petroleum hydrocarbons as gasoline (TPH-g) have been reported during the recent groundwater monitoring event in groundwater beneath the subject site. In order to satisfy your concern regarding the presence of high TPH-g in groundwater, SOMA is planning to collect additional groundwater samples from the groundwater monitoring wells and characterize the type of hydrocarbons which exist in the dissolved phase.

We are planning to analyze groundwater samples for poly aromatic hydrocarbons (PAHs) using EPA Method 8310 rather than 8270. Using EPA Method 8310 will lower the detection limit of semi-volatile organic compounds (SVOCs). In order to breakdown the type of hydrocarbon chains that exist in the groundwater samples, we recommend using EPA Method 8015B Modified. For evaluation of the volatile organic compounds such as benzene, toluene, ethylbenzene and xylenes (BTEX), the groundwater samples will be analyzed using EPA Method 8260B.

Once we receive the results of the laboratory analyses, the risk associated with different components of TPH-g and with regard to BTEX can be considered for better evaluation of the total risk on human health and environment. SOMA is planning to use ASTM Risk-Based Corrective Action (RBCA) approach in conjunction with Oakland Urban Land Redevelopment Program Guidance Document dated January 1, 2000 to evaluate the impact of site related contaminants on human health.

If the proposed approach for evaluation of human health risk at the subject site is acceptable, please notify us at your earliest convenience. Meanwhile please do not hesitate to call me at (925) 244-6600, if you have any question or comments.

Sincerely,

  
Mansour Sepehr, Ph.D., P.E.  
Principal

cc: Frank Hamedi-Fard Enviro Soil Tech Consultants

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

May 16, 2001

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
RO0000139

I have received a copy of the November 30, 1990 report by Tank Protect Engineering, which documented the over-excavation and verification soil sampling at the above referenced site. Included were soil samples VSN, VSN-1, and VSN-2, which were collected approximately 10 to 20 feet from the west side property line where the neighboring apartment building is located. The results were nondetectable or nearly nondetectable for all contaminants. Therefore, it appears that most of the hydrocarbon-impacted soil was removed.

Quarterly groundwater monitoring may be suspended. However, due to the relatively high concentrations of Total Petroleum Hydrocarbons-Gasoline (TPH-G) still found during groundwater monitoring, up to 7,400 ug/l on February 16, 2001, an evaluation of the risk of chemicals of concern in the groundwater to human health and the environment is needed. Please submit a workplan, which will satisfy this requirement.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

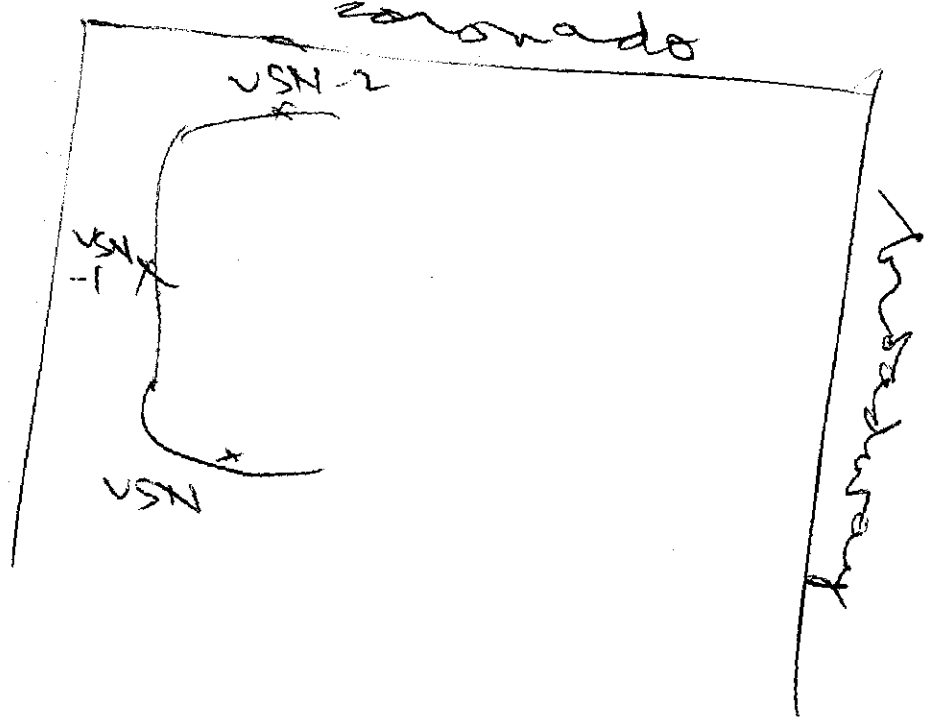
Don Hwang  
Hazardous Materials Specialist

*u*  
C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

✓ Files

5/14/01 Meh, 5175 Broadway, Oak  
 site visit, met MOJDEH + AMIR MEHDIZADE  
 FRANK HAMED

11/20/00 tank protected  
 soil sample at bottom of  
 overexposed  
 concrete



| VSN    | depth | flow | B     | T     | E     | X     |
|--------|-------|------|-------|-------|-------|-------|
| VSN    | 5.5   | <10  | <.002 | .340  | <.002 | <.002 |
| VSN -1 | 6     | <1   | <.003 | <.003 | <.003 | .003  |
| -2     | 10    | <1   | .003  | .009  | <.003 | .019  |

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

December 22, 2000

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
StId 3814

"Quarterly Groundwater Monitoring and Sampling ... November 29, 2000" by Enviro Soil Tech Consultants was reviewed. The results are consistent with previous quarterly groundwater monitoring samples. Again, as I stated in my letter of December 5, 2000, sampling by the apartment building to show that the contamination from your leaking underground tank site has not reached the apartment building or if contamination is present that it is at safe levels is necessary. Please submit a workplan, which will satisfy this requirement.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

*e*  
C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

✓Files

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

December 5, 2000

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
StId 3814

When I last spoke to your consultant, Frank Hamedi-Fard of Enviro Soil Tech Consultants, on October 12, 2000, regarding my letter of May 17, 2000 which required sampling to show that the contamination by the apartment building which is adjacent and west of the aforementioned site is at safe levels, he disagreed with this requirement. Instead, he still wanted to install additional monitoring wells to identify a possible off-site source as proposed in their workplan dated October 5, 1994. I agreed to review the file again to determine if his proposal should be implemented instead. After again reviewing the file, I still do not think that the additional monitoring wells need to be installed and instead, sampling by the apartment building is needed. My review of the data does not convince me that an off-site source exists. If you and your consultant still disagree, then you may submit a written argument as to why the data indicates an off-site source exists, and if so, why the additional monitoring wells are needed. Otherwise, a workplan for sampling by the apartment building will be expected.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

*er*  
C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

Files

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

May 17, 2000

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
StId 3814

On April 12, 2000, I spoke to your consultant, Frank Hamedí-Fard of Enviro Soil Tech Consultants, regarding my letter of March 14, 2000 which required sampling to show that the contamination by the apartment building which is adjacent and west of the aforementioned site is at safe levels. He referred me to his letter of December 16, 1999 which included a workplan for additional soil and groundwater investigation dated October 5, 1994. This workplan included proposed monitoring well locations. None of the locations proposed were between the former underground tank excavation and the property line to the west which is where borings are needed. The work proposed in "Proposed Work Plan for Additional Soil and Groundwater Investigation... October 5, 1994" does not appear to be necessary for closure of this site. Instead, a workplan for sampling to demonstrate that the portion of the aforementioned site adjacent to the apartment building is at safe levels is required.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

*ll*  
C: Frank Hamedí-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

✓ Files

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

March 14, 2000

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Dear Ms. Mehdizadeh:

Subject: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
StId 3814

A visit on March 9, 2000 found an apartment building adjacent and west of the aforementioned site and occupying most of that side of the property. There has not been sampling to show that the contamination by the apartment building is at safe levels. Provide a workplan to accomplish this within 30 days.

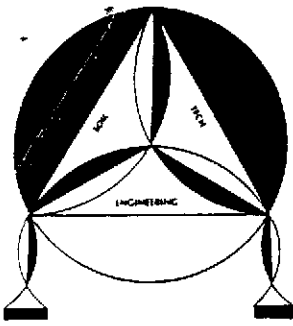
If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

✓ Files



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants  
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111  
Tel: (408) 297-1500

ENVIRONMENTAL  
PROTECTION

Fax: (408) 292-2116 99 DEC 29 PM 3: 35

December 16, 1999

File No. 8-90-420-GI

Mr. Mohammad Mehdizadeh  
678 La Corso Drive  
Walnut Creek, California 94598

**SUBJECT: RESPONDING TO ACHCSA' S LETTER  
REGARDING THE PROPERTY**  
Located at 5175 Broadway Street, in  
Oakland, California

Dear Mr. Mehdizadeh:

This letter is in respond to the request of Alameda County Health Care Services Agency in the letter dated April 27, 1999; May 7, 1999; July 28, 1999; September 16, 1999 and November 23, 1999.

Responding to the followings:

**1) QUARTERLY GROUNDWATER MONITORING WELLS:**

Per our recommendations and County request, we are preparing monitoring and sampling in quarterly basis, unless directed by ACHCSA differently. The results and reports were sent to you and county regulatory.



**2) WELLS CONSTRUCTION...:**

These reports "Preliminary Site Assessment" dated June 13, 1990 by Tank Protect Engineering and "Additional Investigation and Groundwater Sampling" dated July 23, 1991 by Soil Tech Engineering, Inc. has been sent to Mr. Gil Wistar with ACHCSA, see attached responding letter dated October 25, 1990, November 9, 1990 and March 29, 1991. However; attached are the copies of the reports.

**3) EXPLANATION FOR SEWERAGE ODORS:**

The sewerage odors may be caused by anaerobic bio-degradation and age of petroleum products.

**4) LIST OF LANDOWNERS FORM:**

We have enclosed another copy of this form.

Furthermore, enclosed a copy of proposed work plan for additional soil and groundwater investigation dated October 5, 1994. ACHCSA has not response to this work plan. It is very import to implement this work plan to define the extent of contamination and off-site source.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

**ENVIRO SOIL TECH CONSULTANTS**



**FRANK HAMEDI-FARD  
GENERAL MANAGER**

cc: Mr. Don Hwang, Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Alameda, CA 94502-6577

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

November 23, 1999

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Ms. Mehdizadeh:

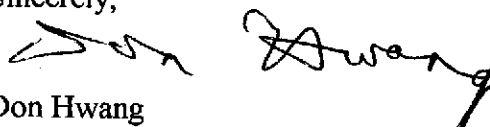
Thank you for your submittal of October 26, 1999 which included workplans dated March 6, 1990 and October 5, 1990, and the investigation and groundwater sampling report dated July 23, 1991. The latter provided the information requested for monitoring well construction and design specifications, and well logs for wells, STMW-4, and STMW-5. However, such information for wells, MW-1, MW -2, and MW-3, were not found.

The following information is still needed:

- 1) Monitoring well construction and design specifications, and well logs for wells, MW-1, MW -2, and MW-3.
- 2) "Enviro Soil Tech Consultants" has not provided an explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5. Please ask your consulting company, Enviro Soil Tech Consultants, again to provide this information.
- 3) Another "SAMPLE LETTER (2): LIST OF LANDOWNERS FORM" is enclosed. It needs to be filled out and returned.

Please submit the information requested within 30 days. If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111  
L.S.  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

November 23, 1999

Mojdeh Mehdizadeh  
C/o Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Ms. Mehdizadeh:

Thank you for your submittal of October 26, 1999 which included workplans dated March 6, 1990 and October 5, 1990, and the investigation and groundwater sampling report dated July 23, 1991. The latter provided the information requested for monitoring well construction and design specifications, and well logs for wells, STMW-4, and STMW-5. However, such information for wells, MW-1, MW -2, and MW-3, were not found.

The following information is still needed:

- 1) Monitoring well construction and design specifications, and well logs for wells, MW-1, MW -2, and MW-3.
- 2) "Enviro Soil Tech Consultants" has not provided an explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5. Please ask your consulting company, Enviro Soil Tech Consultants, again to provide this information.
- 3) Another "SAMPLE LETTER (2): LIST OF LANDOWNERS FORM" is enclosed. It needs to be filled out and returned.

Please submit the information requested within 30 days. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111  
6-6-  
Files

Mojdeh Mehdizadeh  
C/O Mohammad Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

ENVIRONMENTAL  
PROTECTION

99 OCT 27 PM 4:25

October 26, 1999

Don Hwang  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Dear Mr. Don Hwang:

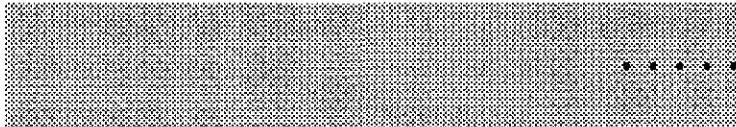
Enclosed are copies of prior year reports that explain the well construction design. I have also spoken to Mr. Hamedi-Fard's office who stated that they would contact you about the sewage odors. You may have heard from them already. Unfortunately, I am unable to locate the Landowner Notification and Participation Requirement form. I would very much appreciate if you could please send us a copy of the form. Thank you very much.

Sincerely,



Mojdeh Mehdizadeh

Mojdeh Mehdizadeh  
925-229-9056



Mojdeh Mehdizadeh  
C/o Mohammad Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

.....  
October 4, 1999

Don Hwang  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Dear Mr. Don Hwang:

Enclosed is a copy of the last quarterly report we received from our consultant. It may explain the well construction design as well as the sewage odors. Unfortunately, I am not very familiar with hazardous materials and don't have a thorough understanding of the information in the report. You had also requested the "Landowner Notification and Participation Requirements" form to be completed. Can I please bother you to send another copy of the form?

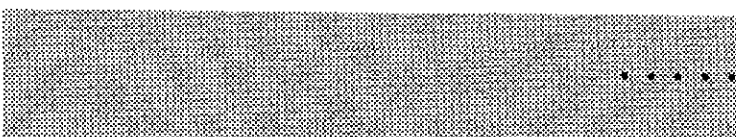
I thank you for your patience and understanding. I am also continuing to try to reach Mr. Hamedifard to provide you with your request for information.

Sincerely,



Mojdeh Mehdizadeh

Mojdeh Mehdizadeh  
925-229-9056



.....

Mojdeh Mehdizadeh  
Tel: (925)229-6056  
Fax: (925)229-4037

# Fax

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>To:</b> Don Hwang              | <b>From:</b> Mojdeh Mehdizadeh |
| <b>Fax:</b> 510-337-9335          | <b>Pages:</b> 1                |
| <b>Phone:</b> 510-567-8746        | <b>Date:</b> 09/21/99          |
| <b>Re:</b> 5175 Broadway, Oakland | <b>CC:</b>                     |

**Urgent**     **For Review**     **Please Comment**     **Please Reply**     **Please Recycle**

• **Comments:**

I am the daughter of Mohammad Mehdizadeh. He recently received a notice of violation pertaining to his property at 5175 Broadway in Oakland. Unfortunately, he is an elderly ill man who is also lacking English language skills. He asked that I read the notice and follow up.

We noticed that the copy of the notice send to Frank Hamed-Fard of Soil Tech Engineering was addressed to his former address. The new address for Soil Tech Engineering is :131 Tully Road, San Jose, CA 95111. I did fax a copy of your notice to him today so that he can follow up and provide you with the required documentation. Mr. Hamed-Fard indicates that the information that you are requesting was forwarded some time ago. I have asked that a copy of the documentation be sent again as soon as possible.

Thank you very much.

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 16, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

2<sup>nd</sup> NOTICE OF VIOLATION

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

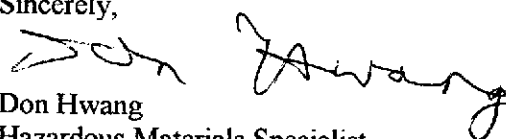
Dear Mr. Mehdizadeh:

The following information previously requested from you have not been received:

- 1) The second quarterly groundwater monitoring and sampling report is required. The last report received is dated March 3, 1999 and covers sampling which occurred on January 28, 1999.
- 2) Monitoring well construction and design specifications, and well logs.
- 3) An explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5.
- 4) Additionally, you were sent a letter entitled "LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS" and requested to fill out a form, "SAMPLE LETTER (2): LIST OF LANDOWNERS FORM".

This letter constitutes a formal request for technical reports pursuant to California Water Code Section 13267(b) and Health and Safety Code Section 25299.37 and 25299.7. Failure to comply with the request will result in referral of this case to the Alameda County District Attorney's Office. You are further advised that failure to comply may subject you to penalties of up to \$5000 per day. Please submit the information required within 30 days. If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Enviro Soil Tech Consultants,  
131 Tully Rd., San Jose, CA 95111

The City of Oakland Fire Services, 1603 Martin Luther King, Fire Station 1,  
Oakland CA 94612

Files ?



Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and 2 for additional services. Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also want to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

3. Article Addressed to:

THE CITY OF OAKLAND  
FIRE SERVICES  
1603 MLK. WAY  
FIRE STATION ONE  
OAKLAND, CA 94612

4a. Article Number

4b. Service Type

- Registered  Certified
- Express Mail  Insured
- Return Receipt for Merchandise  COD

7. Date of Delivery

9/13/99

5. Received By: (Print Name)

Michael Miller

6. Signature (Addressee or Agent)

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency Health Care Services Agency  
Street address 5175 Broadway St.  
City Oakland, CA

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR SITE NAME AND ADDRESS

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:

Mohammad Hassan Mehdizadeh  
+ Masroureh Mehdizadeh

678 La Corso Dr.  
Walnut Creek, CA 94598

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

Sincerely,

M-H MEHDIZADEH  
Signature of primary responsible party

Name of primary responsible party

Mohammad Hassan Mehdizadeh

99 DEC -7 PM 3:17  
ENVIRONMENTAL  
PROTECTION

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



CERTIFIED MAILER # P 368 729 457

ENVIRONMENTAL HEALTH SERVICES

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

September 1, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

2<sup>nd</sup> NOTICE OF VIOLATION

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Mr. Mehdizadeh:

The following information previously requested from you have not been received:

- 1) The second quarterly groundwater monitoring and sampling report is required. The last report received is dated March 3, 1999 and covers sampling which occurred on January 28, 1999.
- 2) Monitoring well construction and design specifications, and well logs.
- 3) An explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5.
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Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Frank Hamed-Fard & Lawrence Koo, Soil Tech Engineering, Inc.,  
1761 Junction Ave., San Jose, CA 95112

The City of Oakland Fire Services, 1603 Martin Luther King, Fire Station 1,  
Oakland CA 94612

L.S.  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



CERTIFIED MAILER# P 368 729 457

ENVIRONMENTAL HEALTH SERVICES

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

September 1, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

2<sup>nd</sup> NOTICE OF VIOLATION

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

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- 3) An explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5.
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Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Soil Tech Engineering, Inc.,  
1761 Junction Ave., San Jose, CA 95112

The City of Oakland Fire Services, 1603 Martin Luther King, Fire Station 1,  
Oakland CA 94612

L.S.  
Files

P 368 729 457

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

|                                                             |    |
|-------------------------------------------------------------|----|
| Sent to                                                     |    |
| Mr. MOHAMMED H. MEHDIZADEH                                  |    |
| Street & Number                                             |    |
| 678 LA CORSO Drive                                          |    |
| Post Office, State, & ZIP Code                              |    |
| WALNUT CREEK, CA. 94589                                     |    |
| Postage                                                     | \$ |
| Certified Fee                                               |    |
| Special Delivery Fee                                        |    |
| Restricted Delivery Fee                                     |    |
| Return Receipt Showing to Whom & Date Delivered             |    |
| Return Receipt Showing to Whom, Date, & Addressee's Address |    |
| TOTAL Postage & Fees                                        | \$ |
| Postmark or Date                                            |    |
| SEP 08 1999                                                 |    |

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1, 2, or additional services.
- Complete items 3, 4, or additional services.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

DON HWANG

1. Check to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

Mr. MOHAMMED H. MEHDIZADEH  
678 LA CORSO DRIVE  
WALNUT CREEK, CA. 94598

**4a. Article Number**

P 368 729 457

**4b. Service Type**

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9-10-99

**5. Received By: (Print Name)**

**8. Addressee's Address (Only if requested and fee is paid)**

**6. Signature: (Addressee or Agent)**

X M. MEHDIZADEH

Thank you for using Return Receipt Service.

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)

July 28, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

NOTICE OF VIOLATION

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Mr. Mehdizadeh:

The following information previously requested from you have not been received:

- 1) Continued quarterly groundwater monitoring and sampling. The last report received is dated March 3, 1999 and covers sampling which occurred on January 28, 1999. A report covering sampling after that date is required.
- 2) Monitoring well construction and design specifications, and well logs.
- 3) An explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5.
- 4) Additionally, you were sent a letter entitled "LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS" and requested to fill out a form, "SAMPLE LETTER (2): LIST OF LANDOWNERS FORM".

This letter constitutes a formal request for technical reports pursuant to California Water Code Section 13267(b) and Health and Safety Code Section 25299.37 and 25299.7. Failure to comply with the request will result in referral of this case to the Alameda County District Attorney's Office. You are further advised that failure to comply may subject you to penalties of up to \$5000 per day. Please submit the information required within 30 days. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Soil Tech Engineering, Inc.,  
1761 Junction Ave., San Jose, CA 95112

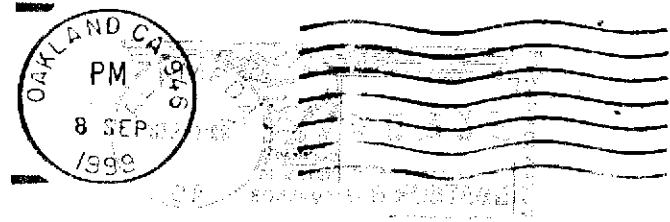
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cc:4580



ALAMEDA COUNTY  
**HEALTH CARE SERVICES AGENCY**  
Department Of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577



Frank Hamed-Fard & Lawrence Koo  
Soil Tech Engineering, Inc.  
1761 Junction Ave

San Jose, CA

SOIL761 951122005 1798 02 09/10/99  
FORWARD TIME EXP RTN TO SEND  
ACRE SOIL ENGINEERING  
1150 N 1ST ST STE 140  
SAN JOSE CA 95112-4966

RETURN TO SENDER

951127101  
94502/6577



# Alameda County Environmental Health

Date: 7/22/99

To: File

From: Don Hwang

RE: former Exxon Station, 5175 Broadway St., Oakland 94611; Stid 3814

---

There are no "Quarterly Groundwater Monitoring and Sampling" reports dated between September 20, 1994, and November 15, 1996 because the owner didn't authorize the work.



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

May 7, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Mr. Mehdizadeh:

Thank you for submitting the reports, "Quarterly Groundwater Monitoring and Sampling..." prepared by Soil Tech Engineering, Inc., San Jose, CA, dated March 3, 1999, December 3, 1998, September 29, 1998, and July 1, 1997 for the subject site. The analytical results for the groundwater samples collected on 8/17/98, 11/16/98, and 1/28/99, were reviewed. The samples collected on 1/28/99 had the highest concentrations of Total Petroleum Hydrocarbon-Gasoline (TPH-G), benzene, toluene, and xylene, in each well, compared to the more recent sampling events. The MW-2 sample had benzene at 82 ug/kg, which was the highest concentration since 6/1/92. Toluene at 16 ug/kg, and xylene at 40 ug/kg, were the highest concentrations since 8/15/94. Methyl Tertiary-Butyl Ether (MTBE) was detected for the first time, 59 ug/kg. All the previous samples tested for MTBE, which started 11/7/96, were not detected (ND). In MW-3, benzene was 270 ug/kg and toluene was 110 ug/kg, which were the highest concentrations of each since 8/15/94. Xylene was 770 ug/kg, which was the highest concentration since 1/11/93. MTBE was detected for the first time, 170 ug/kg. All the previous samples tested for MTBE, which started 11/7/96, were not detected (ND). In STMW-4, TPH-G was 32 mg/l, which was the highest concentration since 9/28/92. Benzene was 660 ug/kg, which was the highest concentration since sampling of the well began on July 3, 1991. Xylene was 770 ug/kg, which was much higher than previous sample collected on 11/16/98. In STMW-5, TPH-G was 950 ug/kg, which was an increase from the prior sample collected on 11/16/98, which was ND. Benzene was 150 ug/kg, which was the highest concentration since 8/15/94. MTBE was detected for the first time, 11 ug/kg. All the previous samples tested for MTBE, which started 11/7/96, were not detected (ND).

All the other contaminants tested for in the groundwater samples collected on 8/17/98, 11/16/98, and 1/28/99, were either ND or low. The groundwater samples collected on 8/17/98, 11/16/98, and 1/28/99, were all ND for TPH-Diesel (TPH-D) for all wells. In MW-1, the concentrations of TPH-G, benzene, toluene, ethyl benzene, and xylene, were all ND except for TPH-G on 1/28/99, which was 110 ug/kg. The ethyl benzene results for

the groundwater samples collected on 8/17/98, 11/16/98, and 1/28/99, were either ND or low. In MW-2, on 1/28/99, ethyl benzene was ND. On 11/16/98, it was 2.3 ug/kg. On 8/17/98, it was 5.8 ug/kg. In MW-3, on 1/28/99, ethyl benzene was ND. On 11/16/98, it was 69 ug/kg. On 8/17/98, it was 31 ug/kg. In STMW-4, on 1/28/99, ethyl benzene was 16 ug/kg, on 11/16/98, 20 ug/kg, and on 8/17/98, 59 ug/kg. In STMW-5, on 1/28/99, ethyl benzene was 1.4 ug/kg, on 11/16/98, ND, and on 8/17/98, 14 ug/kg.

Sheens were observed in the groundwater samples collected on 8/17/98, 11/16/98, and 1/28/99 in MW-4 and MW-5. Sheens were also observed in MW-3 for the samples collected on 11/16/98 and 1/28/99, and in MW-1 on 1/28/99. No sheen was observed in MW-2, for samples collected on 8/17/98, 11/16/98, and 1/28/99, in MW-1, on 8/17/98 and 11/16/98, and in MW-3, on 8/17/98.

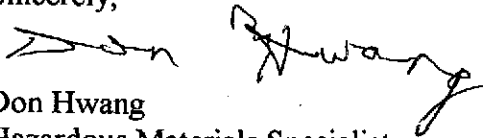
A sewage odor was detected in all wells during the recent sampling events, 8/17/98, 11/16/98, and 1/28/99, except MW-2, on 8/17/98, MW-3, on 8/17/98, and MW-4, on 8/17/98, however, a petroleum odor was detected in this well.

The following are required:

- 1) Continued quarterly groundwater monitoring and sampling.
- 2) Monitoring well construction and design specifications, and well logs.
- 3) Any "Quarterly Groundwater Monitoring and Sampling" reports dated between September 20, 1994, and November 15, 1996.
- 4) An explanation for the sewage odors noted in all wells, MW-1, MW -2, MW-3, STMW-4, and STMW-5.

If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Soil Tech Engineering, Inc.,  
1761 Junction Ave., San Jose, CA 95112

Files 1

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

April 27, 1999

Mr. Mohammed H. Mehdizadeh  
678 La Corso Dr.  
Walnut Creek, CA 94598

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Mr. Mehdizadeh:

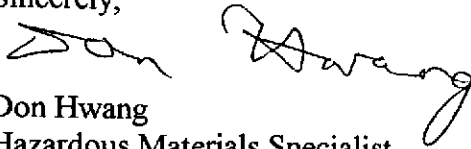
Thank you for submitting the reports, "Quarterly Groundwater Monitoring and Sampling at ... 5175 Broadway St., Oakland, CA", by Soil Tech Engineering, Inc., San Jose, CA, dated May 21, 1998, March 20, 1998, October 17, 1997, July 1, 1997, and November 15, 1996. The report prior to these in our file is dated September 20, 1994. To complete our files, please submit any reports which you may have dated between September 20, 1994, and November 15, 1996.

Your "Leaking Underground Storage Tank Oversight Program" case cannot be closed at the present time because:

- 1) Monitoring well construction and design specifications, and well logs are required.
- 2) Any "Quarterly Groundwater Monitoring and Sampling" reports dated between September 20, 1994, and November 15, 1996 are required.
- 3) Groundwater field observations noted rainbow and brown sheens in wells, MW-3, STMW-4, and STMW-5 during the latest sampling events.
- 4) Groundwater contaminants have not shown a decreasing trend over time.
- 5) Groundwater field observations also noted sewage odors in all wells, MW-1, MW-2, MW-3, STMW-4, and STMW-5 during the latest sampling events. Please provide an explanation.

Continued quarterly groundwater monitoring and sampling is required.  
If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang  
Hazardous Materials Specialist

C: Frank Hamedi-Fard & Lawrence Koo, Soil Tech Engineering, Inc.,  
1761 Junction Ave., San Jose, CA 95112  
files

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

February 17, 1999

Mr. Mohammed Mehdizadeh  
c/o Mr. Ryan Mehdizadeh  
150 Random Way  
Pleasant Hill, CA 94523

Re: Former Exxon Station, 5175 Broadway St., Oakland, CA 94611;  
Stid 3814

Dear Mr. Mehdizadeh:

The "Leaking Underground Storage Tank Oversight Program" file for the subject site is being reviewed.

The enclosed letter dated Oct. 10, 1996, was sent to you. No correspondence or reports were found in the file addressing the issues of the letter. If work has been done to comply, please send the reports. Otherwise, you are asked to provide the information requested within 60 days.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
✓ Don Hwang  
Hazardous Materials Specialist

C: files  
Enclosure



**Cal/EPA**

**State Water  
Resources  
Control Board**

**Division of  
Clean Water  
Programs**

Mailing Address:  
P.O. Box 944212  
Sacramento, CA  
94244-2120

2014 T Street,  
Suite 130  
Sacramento, CA  
95814  
(916) 227-4307  
FAX (916) 227-4530

World Wide Web:  
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

February 25, 1997

MR. & MRS. MEHDIZADEH  
150 RANDOM WAY  
PLEASANT HILL, CA 94523

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF PROPOSED WITHDRAWAL OF LETTER OF COMMITMENT AND CLAIM CLOSURE: CLAIM NUMBER 003406; FOR SITE ADDRESS 5175 BROADWAY, OAKLAND 94611

Our letter dated July 8, 1996 requested that you submit a reimbursement request with the supporting documentation or submit a written explanation as to the status of the cleanup and when a reimbursement request could be expected. We received your response dated August 12, 1996 and you were granted a six month extension to submit a reimbursement request. However, we have not received another reimbursement request.

This letter is to notify you that the Underground Storage Tank Cleanup Fund (Fund) is proposing to withdraw your LOC and close your claim from the Fund for the following reason:

Your last reimbursement request was received by the Fund on December 20, 1993. If you do not submit a reimbursement request or adequate explanation within 30 calendar days, the Fund will proceed with the closure of your claim.

If you are not in agreement with this decision, you may request a review of the decision by the Manager of the Underground Storage Tank Cleanup Fund Program within thirty (30) days from the date of this letter. Please send any request for review to:

Mr. Dave Deaner, Manager      Claim No. 003406  
State Water Resources Control Board  
Division of Clean Water Programs  
P. O. Box 944212  
Sacramento, CA 94244-2120

If a request for review of this decision is not received within thirty (30) days from the date of this letter, your LOC will be withdrawn and your claim will be closed. This action will become final and conclusive and you will not be able to request any additional funds.

If you have any questions, please contact Linda Boller at (916) 227-2787.

Sincerely,

*Linda Boller*  
Steve Parada, Reimbursements  
Underground Storage Tank Cleanup Fund

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

Std # 3814  
S#



Pete Wilson  
Governor



Recycled Paper

*Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.*

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

October 10, 1996  
STID #3814

Mr. Mohammed Mehdizadeh  
c/o Mr. Ryan Mehdizadeh  
150 Random Way  
Pleasant Hill, California 94523

RE: Former Exxon Station - 5175 Broadway Street, Oakland, California 94611

Dear Mr. Mehdizadeh:

The Alameda County Department of Environmental Health Environmental Protection Division has recently reviewed the case file for the above referenced site. Four underground storage tanks (USTs) consisting of three 8,000 gallon gasoline USTs and one 550-gallon waste oil UST were removed on January 10, 1990. Holes were present in the former USTs. Soil and grab water samples were collected following the removal of the USTs. The samples showed the presence of petroleum hydrocarbon contamination at the site. Limited overexcavation was conducted to remove the contaminated soil. Five groundwater monitoring wells ( MW-1, MW-2, MW-3, STMW-4 and STMW-5) were installed to determine the extent of the groundwater contamination. Groundwater samples have been collected since April 1989. The last sampling event conducted on August 15, 1994 detected petroleum hydrocarbon contamination as high as 50,000 ppb TPH gasoline, 870 ppb benzene, 1,200 ppb toluene, 1,300 ppb ethyl benzene, and 3,000 ppb xylene.

Based on the review of all the data submitted for the subject site, the soil and groundwater investigation must be continued which includes the following tasks:

- 1) Monitor the groundwater every quarter.
- 2) Establish groundwater flow direction at the site.
- 3) Analyze the groundwater samples for the following target compounds: TPH gasoline, TPH diesel, benzene, ethyl benzene, toluene, xylene, methyl tertiary butyl ether (MTBE), and lead.
- 4) If TPH diesel is detected in the groundwater, polynuclear aromatic hydrocarbons should be included as target compound.

Mr. Mohammed Mehdizadeh  
c/o Mr. Ryan Mehdizadeh  
RE: 5175 Broadway Street, Oakland, CA 94611  
October 10, 1996  
Page 2 of 2

5) Check for the presence of free product in the wells. Free product should be removed in a manner that prevents the migration of the contaminant plume.

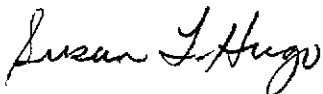
6) Please notify this agency 72 hours in advance of any field activity at the site

Quarterly groundwater monitoring reports must be submitted within 45 days after completion of the sampling activities. All reports and proposal must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Lastly, you should initiate the quarterly groundwater monitoring program immediately since no monitoring has occurred for the past two years.

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

Sincerely,



Susan L. Hugo  
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health  
Kevin Graves, San Francisco bay RWQCB  
SH/ files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 29, 1991

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

Mr. Mohammad Mehdizadeh  
150 Random Way  
Pleasant Hill, CA 94523

Re: **Results of quarterly groundwater sampling at 5175 Broadway,  
Oakland**

Dear Mr. Mehdizadeh:

Thank you for submitting Soil Tech Engineering's February 1, 1991 report on groundwater samples from the above site. According to these results, it appears that gasoline and benzene contamination of groundwater are generally increasing. As a result, dissolved hydrocarbons have migrated beyond the limits of the existing monitoring well network. As suggested in Soil Tech Engineering's report, additional monitoring wells must be installed, off-site if necessary, to define the limits of the plume. Please prepare a proposal for this work, and submit it to this office and to the Water Board in Oakland by **May 3, 1991**. By this same date, please submit an additional deposit to the county, in the amount of \$400. Previous funds, which have been used on an hourly basis for direct county oversight of this project, are nearly depleted.

Quarterly sampling should continue at this site. The most recent quarterly report included no site-specific details on monitoring well development and recovery prior to sampling. This is important information at this site because of local geology that includes bedrock within the water-bearing zone. Subsequent reports therefore must assess groundwater flow patterns and other aquifer characteristics that will have a bearing on remediation.

If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,

Gil Wistar  
Hazardous Materials Specialist

cc: Frank Hamedi-Fard, Soil Tech Engineering (298 Brokaw Rd., Santa Clara, CA 95050)  
Lester Feldman, RWQCB  
Rafat A. Shahid, Asst. Agency Director, Environmental Health files



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 9, 1990

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

Mr. Mohammad Mehdizadeh  
c/o Mehran Mehdizadeh  
150 Random Way  
Pleasant Hill, CA 94523

Re: Report submitted by Tank Protect Engineering for stockpiled  
soil sampling, 5175 Broadway, Oakland

Dear Mr. Mehdizadeh:

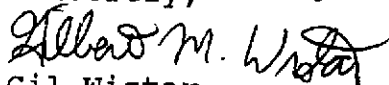
We have reviewed the report referred to above, which documents the collection of 22 discrete samples from 435 cubic yards of stockpiled soil. The report indicates that all samples contained "non-detect" levels of hydrocarbons, except for a few with trace amounts of BTEX components. Based on this information, we are permitting all soil to be backfilled into the pit.

Once this is accomplished, your next step will be to define the hydrogeology and groundwater contamination beneath the site. As I have discussed with Frank Hamedi-Fard of Soil Tech Engineering, the groundwater program must include the following elements:

1. Regular (quarterly) sampling and analysis from all wells.
2. Defining the "zero line" of groundwater contamination.
3. Based on the information thus obtained, preparing a remedial plan for groundwater cleanup, if appropriate.

All reports and work plans must be signed by a registered geologist or professional engineer, and submitted to us and to the Water Board in Oakland. If you have any questions about this letter, please contact me at 271-4320.

Sincerely,



Gil Wistar  
Hazardous Materials Specialist

cc: Frank Hamedi-Fard, Soil Tech Engineering (298 Brokaw Rd., Santa Clara, CA 95050)  
Marc Zomorodi, Tank Protect Engineering (2821 Whipple Rd, Union City, CA 95587)  
Lester Feldman, RWQCB  
Rafat A. Shahid, Asst. Agency Director, Environmental Health files

*m*

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



October 25, 1990

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

Mr. Mohammad Mehdizadeh  
c/o Mehran Mehdizadeh  
150 Random Way  
Pleasant Hill, CA 94523

Re: Work plan submitted by Soil Tech Engineering for 5175 Broadway,  
Oakland

Dear Mr. Mehdizadeh:

We have reviewed the work plan referred to above, and concur with it all, except for the section discussing replacement of stockpiled soil in the former tank pit. This section states that clean fill will be placed at the bottom of the pit up to a certain level, with the remaining volume of the pit being filled with currently stockpiled soil. As I have discussed recently with you, with Marc Zomorodi of Tank Protect Engineering, and with Frank Hamed-Fard of Soil Tech, I am not convinced that the stockpiled soil is clean enough to permit its replacement in the pit.

In a letter from this office dated July 24, 1990, I stated that it would be acceptable to replace the stockpiled soil in the pit. However, this statement was based on the assumption of an appropriate sampling program having taken place, given the depth and volume of soil undergoing bioremediation. I later learned that this did not occur. Therefore, if you desire to replace the stockpiled soil in the former tank pit, this soil must be resampled in a manner that clearly demonstrates it is clean enough for such a use.

If you have any questions about this letter, please contact me at 271-4320.

Sincerely,

Gil Wistar  
Hazardous Materials Specialist

cc: Frank Hamed-Fard, Soil Tech Engineering (298 Brokaw Rd., Santa Clara, CA 95050)  
Marc Zomorodi, Tank Protect Engineering (2821 Whipple Rd, Union City, CA 95587)  
Lester Feldman, RWQCB  
Rafat A. Shahid, Asst. Agency Director, Environmental Health files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



July 24, 1990

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

Mr. Mehran Mehdizadeh  
150 Random Way  
Pleasant Hill, CA 94523

**RE: Letter and report on site investigation at 5175 Broadway,  
Oakland**

Dear Mr. Mehdizadeh:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the Tank Protect Engineering report and your letter dated July 17 regarding the above site. Because it appears that remediation has succeeded in reducing hydrocarbon levels in stockpiled soils to insignificant levels, this office will permit these soils to be backfilled in the hole. In addition, we are not requiring any further soil excavation at this time.

However, additional groundwater characterization is needed because of the hydrocarbons found in downgradient monitoring well MW-3. Even though there is not much water in storage in this mostly bedrock aquifer, the fact that contamination has migrated as far as MW-3 indicates the potential for connected flow and for a plume to have spread under the site. Therefore, we are requiring the installation of at least two additional monitoring wells, perhaps in the general locations shown on the attached diagram. These wells should yield better information about the extent of groundwater contamination downgradient of the point(s) of release. Ultimately, our concern is where the contaminated groundwater ends; thus it will be important to determine the "zero edge" of dissolved hydrocarbons. (If you wish to specify wells in alternative locations, please submit a workplan describing these locations.) In any case, all wells installed must be sampled and surveyed quarterly, at a minimum, with the samples analyzed for TPH-G and BTEX at a state-certified laboratory.

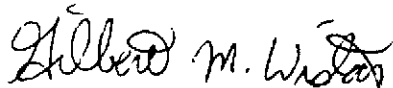
Your next consultant's report is due in this office and to the Regional Water Quality Control Board (RWQCB) by **September 19, 1990**. This report must include first-round sampling results from the additional wells, as well as second-round sampling results from the wells already on-site. The report must also present recommendations for further work, as needed. This office is the lead agency overseeing the site investigation and cleanup. The RWQCB is unable to manage the large number of fuel leak cases within Alameda County, and has therefore delegated this authority to our office. Nonetheless, you must continue to keep the Water Board apprised of all actions taken to characterize and remediate contamination, because the Board retains the ultimate responsibility for ensuring protection of waters of the state.

Mr. Mehran Mehdizadeh  
July 24, 1990  
Page 2 of 2

Because we are overseeing this site under the designated authority of the Water Board, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code. Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day. Other violations of California law may also be cited.

If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact the undersigned at 271-4320.

Sincerely,

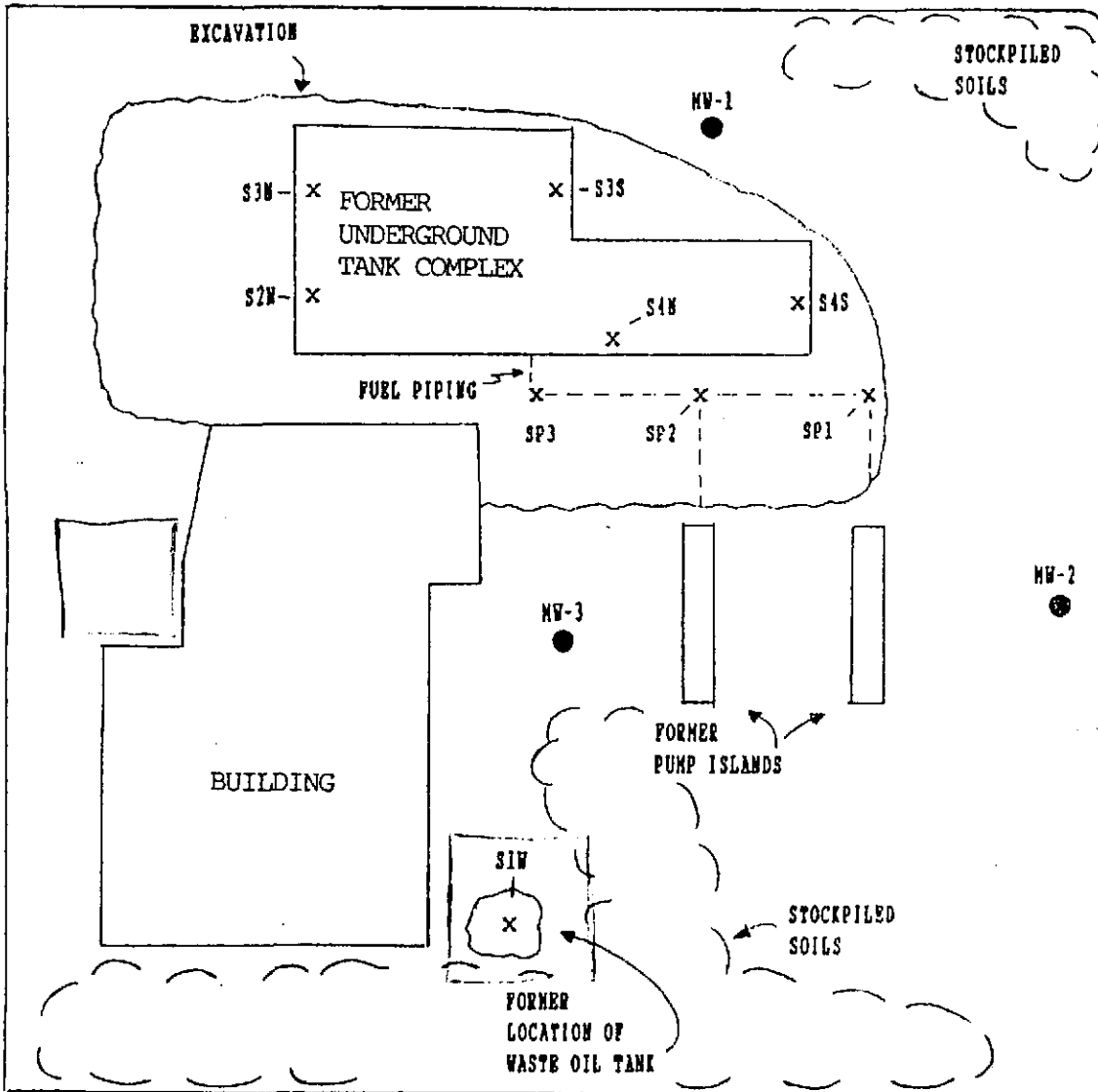


Gil Wistar  
Hazardous Materials Specialist

cc: Howard Hatayama, DOHS  
Lester Feldman, San Francisco Bay RWQCB  
Rafat Shahid, Asst. Agency Director, Environmental Health  
files

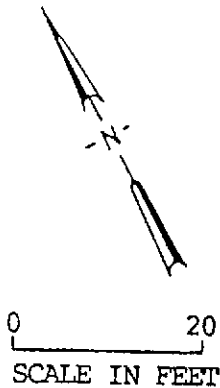
CORONADO AVENUE

SIDEWALK



BROADWAY STREET

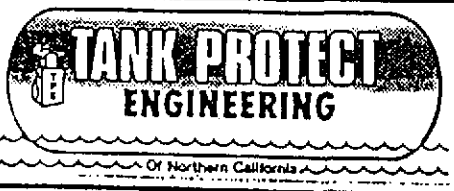
LEGEND



S3N-x SOIL SAMPLE TAKEN DURING TANK AND PIPING REMOVAL

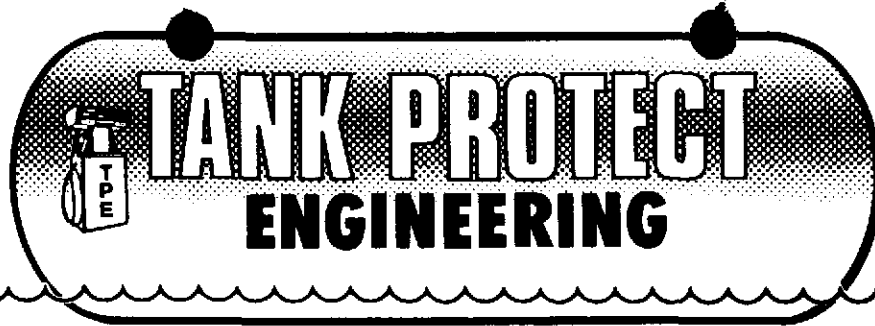
MW-1 GROUNDWATER MONITORING WELL

POSSIBLE SITES FOR ADDITIONAL WELLS



SITE PLAN  
5175 BROADWAY  
OAKLAND, CALIFORNIA

FIGURE  
2



(415) 429-8088  
(800) 523-8088  
FAX (415) 429-8089

February 26, 1990

Dear Mr. Gil Wistar

The intent of this letter is to inform you of the method which Tank Protect Engineering plans to use to remediate the contaminated soil at 5175 Broadway, Oakland, CA.

As you are aware, 3 gasoline and one waste oil tank were removed from the above mentioned site on January 10, 1990. The following laboratory analyses indicates high concentrations of the hydrocarbons in the soil. Tank Protect Engineering has been authorized to address that issue.

Tank Protect Engineering plans to use Hydrogen Peroxide mixture (Called HP123 by T.P.E.) to remediate the contaminated soil. Hydrogen peroxide serves mainly as an oxidizing agent for many organic compounds and inorganic materials. But, when used with even stronger oxidizer, hydrogen peroxide can act as a reducing agent. The principal by-product of hydrogen peroxide reactions is water. This fact makes hydrogen peroxide a preferred oxidizer in industry, since it does not create hazardous wastes.

Tank Protect Engineering will use due diligence to prevent any runoff while remediating the soil. To perform this task safely a layer of polyethylene plastic is laid on the ground and approximately 8 inches of clean dirt is spread over and compacted. Then contaminated soil will be spread over the compacted soil, and treated by HP123. As further precaution, the operation of remediation will not be performed if it rains, to prevent any runoff contamination.

If there is any further questions or comments please feel free to contact our office.

Thanks,

TANK PROTECT ENGINEERING

FIVE #

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

|                                                                                  |                                                                                                                                  |                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.<br><br>SIGNED _____ DATE _____ |
| REPORT DATE<br>0_M 1_M 1_D 6_D 9_Y 0_Y                                           | CASE #                                                                                                                           |                                                                                                                                                                                                                                                 |

|             |                                                                                                                                                                                    |                                                                 |           |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------|
| REPORTED BY | NAME OF INDIVIDUAL FILING REPORT<br>Marc Zomorodi                                                                                                                                  | PHONE<br>(415) 429-8088                                         | SIGNATURE |
|             | REPRESENTING<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER | COMPANY OR AGENCY NAME<br>Tank Protect Engineering Of N. Calif. |           |
|             | ADDRESS<br>2821 Whipple Road Union City CA 94587                                                                                                                                   |                                                                 |           |

|                   |                                                  |                                     |                         |
|-------------------|--------------------------------------------------|-------------------------------------|-------------------------|
| RESPONSIBLE PARTY | NAME<br>Mohammad Hassan Mehdizadeh               | CONTACT PERSON<br>Mehran Mehdizadeh | PHONE<br>(415) 943-7462 |
|                   | ADDRESS<br>150 Random Way Pleasant Hill CA 94523 |                                     |                         |

|                                  |                                                                                                                                                                                                          |                                                                                                                                             |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| FACILITY NAME (IF APPLICABLE)    | OPERATOR                                                                                                                                                                                                 | PHONE<br>( )                                                                                                                                |
| ADDRESS<br>5175 Broadway Oakland |                                                                                                                                                                                                          |                                                                                                                                             |
| CROSS STREET<br>Coronado         | TYPE OF AREA<br><input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER | TYPE OF BUSINESS<br><input checked="" type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> FARM <input type="checkbox"/> OTHER |

|                       |                                              |             |                                  |                         |
|-----------------------|----------------------------------------------|-------------|----------------------------------|-------------------------|
| IMPLEMENTING AGENCIES | LOCAL AGENCY<br>Alameda County Health Agency | AGENCY NAME | CONTACT PERSON<br>Gilbert Wistar | PHONE<br>(415) 771-4320 |
|                       | REGIONAL BOARD<br>S.F. Bay Region            |             |                                  | PHONE<br>(415) 464-1255 |

|                     |                                                |                                                                              |
|---------------------|------------------------------------------------|------------------------------------------------------------------------------|
| SUBSTANCES INVOLVED | (1) NAME<br>Petroleum Hydrocarbons - see below | QUANTITY LOST (GALLONS)<br>_____ <input checked="" type="checkbox"/> UNKNOWN |
|                     | (2)                                            | _____ <input type="checkbox"/> UNKNOWN                                       |

|                    |                                                                                                                  |                                                                                                                                                                                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DISC/VRY/ABATEMENT | DATE DISCOVERED<br>0_M 1_M 1_D 0_D 9_Y 0_Y                                                                       | HOW DISCOVERED<br><input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS                                                                   |
|                    | DATE DISCHARGE BEGAN<br>M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN                                  | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE |
|                    | HAS DISCHARGE BEEN STOPPED?<br><input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE M M D D Y Y | <input checked="" type="checkbox"/> OTHER Remove Tank(s)                                                                                                                                                                                                                                                       |

|              |                                                                                                                                                                              |                                                                                                        |                                                                                                                             |                                                                                                                                                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOURCE/CAUSE | SOURCE OF DISCHARGE<br><input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER | TANKS ONLY/CAPACITY<br>3-8000 GAL.<br>AGE 550 Years oil<br><input checked="" type="checkbox"/> UNKNOWN | MATERIAL<br><input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL<br><input type="checkbox"/> OTHER | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE<br><input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                                                                                                                                                                                                                                              |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CASE TYPE | CHECK ONE ONLY<br><input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED) |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT STATUS | CHECK ONE ONLY<br><input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input checked="" type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REMEDIAL ACTION | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

COMMENTS  
4 underground tanks containing waste oil and gasoline have been removed. The source of leakage/spillage will be determined after receipt of laboratory results for soil and water samples collected after removal.

white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF  
 ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

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

II, III

Site ID # \_\_\_\_\_ Site Name MEHDIZADEH Today's Date 1/10/90

II.A BUSINESS PLANS (Title 19)

- \_\_\_ 1. Immediate Reporting 2703
- \_\_\_ 2. Bus. Plan Stds. 25503(b)
- \_\_\_ 3. RR Cars > 30 days 25503.7
- \_\_\_ 4. Inventory Information 25504(a)
- \_\_\_ 5. Inventory Complete 2730
- \_\_\_ 6. Emergency Response 25504(b)
- \_\_\_ 7. Training 25504(c)
- \_\_\_ 8. Deficiency 25505(a)
- \_\_\_ 9. Modification 25505(b)

Site Address 5175 Broadway  
 City Oakland Zip 94611 Phone \_\_\_\_\_

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

Inspection Categories:

- \_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

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

II.B ACUTELY HAZ. MATLS

- \_\_\_ 10. Registration Form Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N)
- \_\_\_ 14. OnSite Conseq. Assess. 25524(c)
- \_\_\_ 15. Probable Risk Assessment 25534(d)
- \_\_\_ 16. Persons Responsible 25534(g)
- \_\_\_ 17. Certification 25534(f)
- \_\_\_ 18. Exemption Request? (Y/N) 25536(b)
- \_\_\_ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

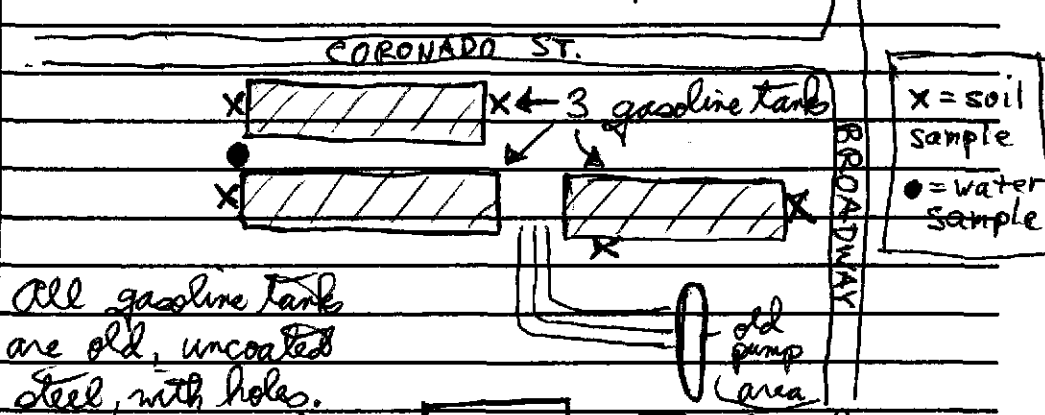
- General
- \_\_\_ 1. Permit Application 25284 (H&S)
  - \_\_\_ 2. Pipeline Leak Detection 25292 (H&S)
  - \_\_\_ 3. Records Maintenance 2712
  - \_\_\_ 4. Release Report 2651
  - \_\_\_ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- \_\_\_ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose  
Semi-annual groundwater  
One time soils
    - 3) Daily Vadose  
One time soils  
Annual tank test
    - 4) Monthly Gndwater  
One time soils
    - 5) Daily Inventory  
Annual tank testing  
Cont pipe leak det  
Vadose/gndwater mon.
    - 6) Daily Inventory  
Annual tank testing  
Cont pipe leak det
    - 7) Weekly Tank Gauge  
Annual tank testing
    - 8) Annual Tank Testing  
Daily Inventory
    - 9) Other \_\_\_\_\_

- \_\_\_ 7. Precis Tank Test Date: 2643
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing . 2646
- \_\_\_ 10. Ground Water. 2647

- New Tanks
- \_\_\_ 11. Monitor Plan 2632
  - \_\_\_ 12. Access. Secure 2634
  - \_\_\_ 13. Plans Submit 2711  
Date: \_\_\_\_\_
  - \_\_\_ 14. As Built 2635  
Date: \_\_\_\_\_

Comments:  
 Removal of 4 tanks from old Exxon station that has been vacant for at least 11 years; owner purchased site from Exxon in 1979, at which time the site had ceased pumping gas.



All gasoline tanks are old, uncoated steel, with holes. Soil and groundwater (standing at about 11 feet) are obviously contaminated. Waste oil tank also has at least one hole, visible on side of tank. Soil samples and water samples collected by hand in pit, except for waste oil tank. Piping to be excavated and sampled on another day II, III

Rev 8/88

Contact: JEFF Farhoo and Jeff Farhoo and  
 Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Inspector: Hubert M. Winton  
 Signature: \_\_\_\_\_



white -env. health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

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

II, III

- II.A BUSINESS PLANS (Title 19)**
- 1. Immediate Reporting 2703
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  - 13. Implement Sch. Req'd? (Y/N)
  - 14. OffSite Conseq. Assess. 25524(c)
  - 15. Probable Risk Assessment 25534(d)
  - 16. Persons Responsible 25534(g)
  - 17. Certification 25534(f)
  - 18. Exemption Request? (Y/N) 25536(b)
  - 19. Trade Secret Requested? 25538
- III. UNDERGROUND TANKS (Title 23)**
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  - 3. Records Maintenance 2712
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- 6. Method
    - 1) Monthly Test
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      - One time soils
    - 3) Daily Vadose
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      - Annual tank testing
      - Cont pipe leak det
      - Vadose/gndwater mon.
    - 6) Daily Inventory
      - Annual tank testing
      - Cont pipe leak det
    - 7) Weekly Tank Gauge
      - Annual tank testing
    - 8) Annual Tank Testing
      - Daily Inventory
    - 9) Other \_\_\_\_\_
- New Tanks**
- 7. Precs Tank Test 2643
    - Date: \_\_\_\_\_
  - 8. Inventory Rec. 2644
  - 9. Soil Testing 2646
  - 10. Ground Water. 2647
  - 11. Monitor Plan 2632
  - 12. Access. Secure 2634
  - 13. Plans Submit 2711
    - Date: \_\_\_\_\_
  - 14. As Built 2635
    - Date: \_\_\_\_\_

Site ID # \_\_\_\_\_ Site Name Mehdizadeh Property Today's Date 1/1  
 Site Address 5175 Broadway  
2821 Whipple Rd  
 City 0 Zip 94 Phone \_\_\_\_\_

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

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

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

**Comments:**

3 UST's being removed  
plan approved by G Wistar,  
Gil is expected on-site about  
1430, I will return to  
site following completion of  
pull at 398 W. MacArthur.

If Gil not here by then, I  
will observe removal and  
soil sample collection



Jeff J. Farhoomand  
 Civil Engineer

**Tank Protect Engineering**  
 of Northern California  
 Environmental Management

Specializing in Underground Tank  
 • Removal • Installation • Soil & Water Clean Up

2821 Whipple Rd.  
 Union City, CA 94567  
 Engr. Contr. Lic. No. 575837

(415) 429-8088  
 (800) 523-8088  
 FAX: (415) 429-8089

Rev 6/88

II, III

Contact: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Inspector: \_\_\_\_\_  
 Signature: [Signature]

LOP - RECORD CHANGE REQUEST FORM

printed  
12/17/90

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

Insp: DH

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
 StID : 3814      LOC: 06/02/93  
 SITE NAME: Mehdizadeh      DATE REPORTED : 01/10/90  
 ADDRESS : 5175 Broadway      DATE CONFIRMED: 01/10/90  
 CITY/ZIP : Oakland 94611      MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O    CONTRACT STATUS: 4    PRIOR CODE: 2B5    EMERGENCY RESP:  
 RP SEARCH: S    DATE COMPLETED: 03/20/92  
 PRELIMINARY ASMNT: U    DATE UNDERWAY: 06/13/90    DATE COMPLETED:  
 REM INVESTIGATION:    DATE UNDERWAY:    DATE COMPLETED:  
 REMEDIAL ACTION:    DATE UNDERWAY:    DATE COMPLETED:  
 POST REMED ACT MON:    DATE UNDERWAY:    DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1    DATE ENFORCEMENT ACTION TAKEN: 03/20/92  
 LUFT FIELD MANUAL CONSID: 3HSCAWG  
 CASE CLOSED:    DATE CASE CLOSED:  
 DATE EXCAVATION STARTED : 01/10/90    REMEDIAL ACTIONS TAKEN: ET, ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mohammed Mehdizadeh  
 COMPANY NAME:  
 ADDRESS: 150 Random Way  
 CITY/STATE: Pleasant Hill C A 94523

INSPECTOR VERIFICATION:

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

DATA ENTRY INPUT:

|                           |           |            |                       |            |
|---------------------------|-----------|------------|-----------------------|------------|
| Name/Address Changes Only |           |            | Case Progress Changes |            |
| ANPPGMS _____             | LOP _____ | DATE _____ | LOP _____             | DATE _____ |

LOP RECORD CHANGE REQUEST FORM

20139

printed:  
10/22/98

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

Insp: TP

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
 StID : 3814      LOC: 06/02/93  
 SITE NAME: Mehdizadeh      DATE REPORTED : 01/10/90  
 ADDRESS : 5175 Broadway      DATE CONFIRMED: 01/10/90  
 CITY/ZIP : Oakland 94611      MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O    CONTRACT STATUS: 4    PRIOR CODE:2B5    EMERGENCY RESP:  
 RP SEARCH: S      DATE COMPLETED: 03/20/92  
 PRELIMINARY ASMNT: U    DATE UNDERWAY: 06/13/90    DATE COMPLETED:  
 REM INVESTIGATION:    DATE UNDERWAY:    DATE COMPLETED:  
 REMEDIAL ACTION:    DATE UNDERWAY:    DATE COMPLETED:  
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ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 03/20/92  
 LUFT FIELD MANUAL CONSID: 3HSCAWG  
 CASE CLOSED:      DATE CASE CLOSED:  
 DATE EXCAVATION STARTED : 01/10/90      REMEDIAL ACTIONS TAKEN: ET, ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mohammed Mehdizadeh  
 COMPANY NAME:  
 ADDRESS: 150 Random Way  
 CITY/STATE: Pleasant Hill C A 94523

INSPECTOR VERIFICATION:

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

DATA ENTRY INPUT:

Name/Address Changes Only      Case Progress Changes

ANNP GMS \_\_\_\_\_ LOP \_\_\_\_\_ DATE \_\_\_\_\_      LOP \_\_\_\_\_ DATE \_\_\_\_\_

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION**

80 SWAN WAY, ROOM 200

OAKLAND, CA 94621

PHONE NO. 415/271-4320

ACCEPTED 1/3/90  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
470 - 27th Street, Third Floor  
Oakland, CA 94612  
Telephone: (415) 676-7237  
gmr

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your 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.

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

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire Building Inspection Department to determine if changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to following required inspections:

- \_\_\_\_\_ Removal of Tank and Piping
- \_\_\_\_\_ Sampling
- \_\_\_\_\_ Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

*All piping must be removed with tanks*

Project # U565611  
Fee Paid 831.00/20  
Date 12-20-89

**UNDERGROUND TANK CLOSURE/MODIFICATION PLANS**

1. Business Name MEHDIZADEH  
Business Owner MOHAMMAD HASSAN MEHDIZADEH
2. Site Address 5175 BROADWAY  
City OAKLAND Zip 94611 Phone \_\_\_\_\_
3. Mailing Address 150 RANDOM WAY  
City PLEASANT HILL Zip 94523 Phone (415) 943-7462
4. Land Owner MOHAMMAD HASSAN MEHDIZADEH  
Address 150 RANDOM WAY city, state Pleasant Hill zip 94523  
CA
5. EPA I.D. No. CAC000232761
6. Contractor Tank Protect Engineering of Northern California  
Address 2821 Whipple Rd.  
City Union City, CA, 94587 Phone (415) 429-8088  
License Type A- ID# 575837
7. Consultant Tank Protect Engineering  
Address 2821 Whipple Rd.  
City Union City Phone (415) 429-8088

8. Contact Person for Investigation

Name ~~MEHRAN MEHDIZADEH~~ MEHRAN MEHDIZADEH Title Marketing Director

Phone ~~(415) 943-7462~~ (415) 943-7462

9. Total No. of Tanks at facility 4

10. Have permit applications for all tanks been submitted to this office? Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name ERICKSON, Inc. EPA I.D. No. CAD 009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

b) Rinsate Transporter

Name ERICKSON, Inc. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

c) Tank Transporter

Name ERICKSON, INC. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip CAD009466392

d) Tank Disposal Site

Name ERICKSON, Inc. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

e) Contaminated Soil Transporter

Name N/A EPA I.D. No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

12. Sample Collector

Name Alan Kawai  
 Company Tank Protect Engineering of Northern Calif.  
 Address 2821 Whipple Rd.  
 City Union City State CA Zip 94587 Phone (415) 429-5088

13. Sampling Information for each tank or area

| Tank or Area                       |                                  | Material sampled | Location & Depth                       |
|------------------------------------|----------------------------------|------------------|----------------------------------------|
| Capacity                           | Historic Contents (past 5 years) |                  |                                        |
| 8000 g                             | None                             | Soil, 2 samples  | Max of 2 ft. below tank <sup>Pit</sup> |
| 8000 g                             | None                             | Soil, 2 samples  | " " " "                                |
| 8000 g                             | None                             | Soil, 2 samples  | " " " "                                |
| 550 g                              | waste oil                        | Soil, 1 sample   | " " " "                                |
| 1 Sample for every 20 ft of piping |                                  |                  |                                        |

14. Have tanks or pipes leaked in the past? Yes [ ] No []

If yes, describe. \_\_\_\_\_

15. NFPA methods used for rendering tank inert? Yes [] No [ ]

If yes, describe. 15 lb of dry ice per each 1000 gallon capacity for each tank

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Anamatrix Inc.  
 Address 1961 Concourse Dr. Suite E, 2a  
 City San Jose State CA Zip 95131  
 State Certification No. 151

17. Chemical Methods to be used for Analyzing Samples

| Contaminant Sought                                                                      | EPA, DHS, or Other Sample Preparation Method Number                      | EPA, DHS, or Other Analysis Number                                                                       |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Tank 1, 2 & 3<br>gasoline, TPHG<br>BTEX                                                 | 5030<br>8020 or 8240<br>Prep. method                                     | GC FID (DHS method)<br>8020 or 8240                                                                      |
| Tank 4,<br>TPH gasoline<br>TPH diesel<br>oil & grease<br>BTX                            | 5030<br>3550<br>8020 or 8240 Prep. method                                | GC FID (DHS method)<br>GC FID (DHS method)<br>Standard Method 5030 and E<br>8020 or 8240<br>8010 or 8240 |
| Chlorinated hydrocarbons<br>Cadmium, chrome, lead & zinc<br>18. Submit Site Safety Plan | 8010 or 8240 Prep. method<br>If any contamination detected, analyze for: | AA or ICAP<br>8270                                                                                       |

19. Workman's Compensation: Yes  No

Copy of Certificate enclosed? Yes  No

Name of Insurer State Compensation Insurance Fund

20. Plot Plan submitted? Yes  No

21. Deposit enclosed? Yes  No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. 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.

Signature of Contractor

Name (please type) \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Signature of Site Owner or Operator

Name (please type) \_\_\_\_\_

Signature M. H. M. GHADIZADEH \_\_\_\_\_

Date \_\_\_\_\_



NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
  - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
  - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
  - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A  
SAMPLING RESULTS

| Tank or Area | Contaminant | Location & Depth | Results (specify units) |
|--------------|-------------|------------------|-------------------------|
|              |             |                  |                         |

## INSTRUCTIONS

### 2. SITE ADDRESS

Address at which closure or modification is taking place.

### 5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

### 6. CONTRACTOR

Prime contractor for the project.

### 7. OTHER

List professional consultants here.

### 12. SAMPLE COLLECTOR

Persons who are collecting samples.

### 13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

### 16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

### 17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

#### NOTE:

Method Numbers are available from certified laboratories.

### 18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

The plan should consists 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 Line
- d) Location of all Structures
- e) Location of all relevant existing equipment including tanks and piping to be removed
- f) Streets
- g) Underground conduits, sewers, water lines, utilities
- h) Existing wells (drinking, monitoring, etc.)
- i) Depth to ground water
- j) All existing tanks in addition to the ones being pulled

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TANK PROTECT ENGINEERING OF NORTHERN CALIFORNIA, INC.  
SITE SAFETY PLAN

5173  
Site ~~4575~~ Broadway, Oakland Project Number \_\_\_\_\_  
Original Site Safety Plan: Yes ( ) No ( ) Revision Number \_\_\_\_\_  
Plan Prepared by Tank Protect Engineering Date 12-20-89  
Plan Approved by \_\_\_\_\_ Date \_\_\_\_\_

Please respond to each item as completely as possible. Where an item is not applicable, please mark "N/A".

1. KEY PERSONNEL AND RESPONSIBILITIES

(Include name, telephone number and health and safety responsibilities; i.e., project manager - Joe Smith - responsible for supervision of all site activities.)

Project Manager William Kafai

Site Safety Manager William Kafai

Alternate Site Safety Manager Alan Kafai

Field Team Members William Kafai

Alan Kafai

Agency Reps: [Please specify by one of the following symbols:  
Federal: (F), State: (S), Local: (L),  
Contractor(s): (C)

Oakland Fire department rep.

Department of Health & Services rep.

TPE SITE SAFETY PLAN

2. JOB HAZARD ANALYSIS

2.1 OVERALL HAZARD EVALUATION

Hazard Level: High ( ) Moderate  Low ( ) Unknown ( )

Hazard Type: Liquid ( ) Solid ( ) Sludge ( ) Vapor/Gas

Known or suspected hazardous materials present on site

~~See below: gasoline vapors contain benzene  
toluene, xylene & ethylbenzene~~

Characteristics of hazardous materials included above  
(complete for each chemical presents):

---

MATERIAL #1 Corrosive ( ) Ignitable  Toxic   
Reactive ( ) Volatile  Radioactive ( )  
Biological Agent ( ) *Regular gasoline vapor*  
Exposure Routes: Inhalation  Ingestion ( ) Contact  *skin & mucous*

---

MATERIAL #2 Corrosive ( ) Ignitable  Toxic   
Reactive ( ) Volatile  Radioactive ( )  
Biological Agent ( ) *Regular gasoline vapor*  
Exposure Routes: Inhalation  Ingestion ( ) Contact  *skin & mucous*

---

MATERIAL #3 Corrosive ( ) Ignitable ( ) Toxic ( )  
Reactive ( ) Volatile ( ) Radioactive ( )  
Biological Agent ( ) *unleaded gasoline vapor*  
Exposure Routes: Inhalation  Ingestion ( ) Contact  *skin & mucous*

---

MATERIAL #4 Corrosive ( ) Ignitable ( ) Toxic ( )  
Reactive ( ) Volatile ( ) Radioactive ( )  
Biological Agent ( ) *waste oil*  
Exposure Routes: Inhalation ( ) Ingestion ( ) Contact

TPE SITE SAFETY PLAN

2.2 JOB-SPECIFIC HAZARDS

For each labor category specify the possible hazards based on information available (i.e., Task-driller, Hazards-trauma from drill rig accidents, etc.) For each hazard, indicate steps to be taken to minimize the hazard.

*Task-tank Removal Hazard - Gasoline vapor explosion. To minimize - use 15 lbs dry ice per 1000 gallon capacity to inert vapor present in the tank*

The following additional hazards are expected on site (i.e., snake infested area, extreme heat, etc.):

---

---

---

Measures to minimize the effects of the additional hazards are:

---

---

---

3. MONITORING PLAN

3.1 (a) Air Monitoring Plan

Action levels for implementation of air monitoring. Action levels should be based on published data available on contaminants of concern. Action levels should be set by persons experienced in industrial hygiene.

| Level<br>(i.e., .5ppm) | Action Taken<br>(i.e., commence perimeter monitoring) |
|------------------------|-------------------------------------------------------|
|                        | N/A                                                   |
|                        |                                                       |
|                        |                                                       |

TPE SITE SAFETY PLAN

(b) Air Monitoring Equipment

Outline the specific equipment to be used, calibration method, frequency of monitoring, locations to be monitored, and analysis of samples (if applicable).

*N/A*

If air monitoring is not to be implemented for this site, explain why:

*This case involves only tank removal*

3.2 Personnel Monitoring  
(Include hierarchy of responsibilities decision making on the site)

*Safety officer advises field manager which in turn delegates responsibilities to individual team workers*

3.3 Sampling Monitoring

(a) Techniques used for sampling

*to insert a probe inside the tank to determine LEL and oxygen level.*



TPE SITE SAFETY

(b) Equipments used for sampling \_\_\_\_\_

Gastech model 1314

1- Hydro Carbon Super surveyor

2- Brass sleeve and sampler with  
Hammer

(c) Maintenance and calibration of equipments \_\_\_\_\_

Use Hexane for Calibration Equipment  
will be calibrated prior to the  
operation.

4. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Equipment used by employees for the site tasks and operations being conducted. Be Specific (i.e., hard hat, impact resistance goggles, other protective glove, etc.).

Hard hat, protective gloves.

5. SITE CONTROL AND SECURITY MEASURES

The following general work zone security guidelines should be implemented:

- Work zone shall be barricaded and caution tape used.
- Excavations shall be closed when drilling and sampling activities are not actually taking place.
- No excavations shall be left unattended. Visitors will not enter the work zone unless they have attended a project safety briefing.
- Persons will not leave the work zone without first passing through the decontamination zone.

## TPE SITE SAFETY PLAN

### 6. DECONTAMINATION PROCEDURE

List the procedures and specific steps to be taken to decontaminate equipment and PPE.

N/A

### 7. TRAINING REQUIREMENTS

Prior to mobilization at the job site, employees will attend a safety briefing. The briefing will include the nature of the wastes and the site, donning personal protection equipment, decontamination procedures and emergency procedures.

### 8. MEDICAL SURVEILLANCE REQUIREMENTS

If any task requires a very high personnel protection level, personnel shall provide assurances that they have received a physical examination and they are fit to do the task. Also personnel will be instructed to look for any symptom of heat stress, heat stroke, heat exhaustion or any other unusual symptom. If there is any report of that kind it will be immediately followed through, and appropriate action will be taken.

### 9. STANDARD OPERATION PROCEDURES

Tank Protect Engineering of Northern California Inc. is responsible for the safety of all Tank Protect Engineering of Northern California Inc. employees on site. Each contractor shall provide all the equipment necessary to meet safe operation practices and procedures for their personnel on site and be responsible for the safety of their workers.

A " Three Warning " system is utilized to enforce compliance with Health and Safety procedures practices which will be implemented at the site for worker safety:

- \* Eating, drinking, chewing gum or tobacco, and smoking will be allowed only in designated areas.

TPE SITE SAFETY PLAN

- \* Wash facilities will be utilized by workers in the work areas before eating, drinking, or use of the toilet facilities.
- \* Containers will be labeled identifying them as waste, debris or contaminated clothing.
- \* All Excavation/drilling work will comply with regulatory agencies requirement.
- \* All site personnel will be required to wear hard hats and advised to take adequate measures for self protection.
- \* Any other action which is determined to be unsafe by the site safety officer.

10. CONFINED SPACE ENTRY PROCEDURES

No one is allowed to enter any confined space operation without proper safety measures. Specifically in case of an excavated Tank Pit no one should enter at no time.

11. EMERGENCY RESPONSE PLAN

Fire extinguisher(s) will be on site prior to excavation.  
Relevant phone numbers:

| Person                | Title                 | Phone No.              |
|-----------------------|-----------------------|------------------------|
| <u>James Kafai</u>    | Project Manager       | <u>(415) 429-8088</u>  |
| _____                 | Fire                  | 911 or <u>444-1616</u> |
| _____                 | Police                | 911 or <u>273-3211</u> |
| _____                 | Ambulance             | 911 or _____           |
| _____                 | Poison Control Center | (800)523-2222          |
| <u>Mr. Mehdizadeh</u> | Site Phone            | _____                  |
| _____                 | Nearest off-site no.  | _____                  |
| _____                 | Medical Advisor       | _____                  |
| <u>Mr. Mehdizadeh</u> | Client Contact        | <u>(415) 943-7462</u>  |

TPE SITE SAFTY PLAN

Nearest Hospital to the site is:

"Merrit Hospital"  
350 Hawthorn Ave.  
Oakland, CA

Emergency telephone No.  
General Information

(415)-420-6080  
(415)-655-4000

Direction from the site to the hospital:

Broadway toward west  
Turn right on Webster  
Corner of Webster and Hawthorn  
Hospital is there



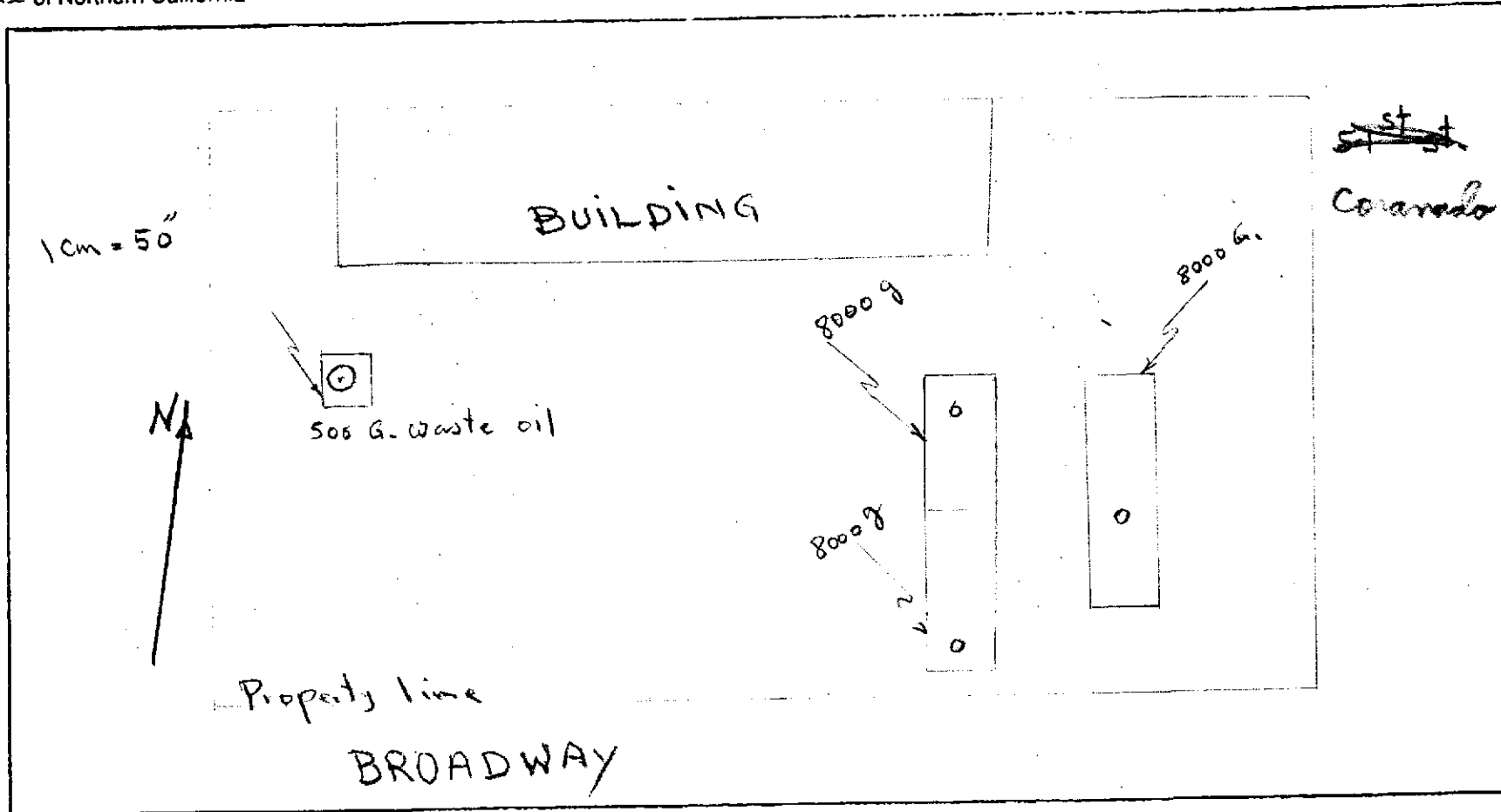


TANK PROTECT ENGINEERING  
 2821 WHIPPLE ROAD  
 UNION CITY, CA. 94587  
 PHONE #(415) 429-8088  
 (800) 523-8088

FAX: # (415) 429-8089

DATE, \_\_\_\_\_

of Northern California



ADDITIONAL INFORMATION:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PLOT PLAN.

CLIENT: NAME, ADDRESS AND PHONE NUMBER.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

DECEMBER 19, 1989

POLICY NUMBER: 1145921  
CERTIFICATE EXPIRES: 09-01-90

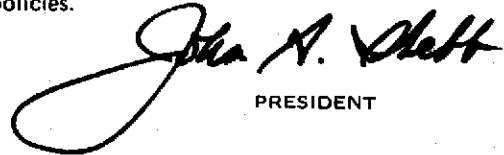
DEPT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIAL DIVISION  
80 SWAN WAY RM# 200  
OAKLAND, CA 94621

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

TANK PROTECT ENGINEERING  
2821 WHIPPLE RD  
UNION CITY, CA 94587

CS

AMENDMENT

Site Location: 5175 Broadway, Oakland

Please amend the following information to the application for tank removal on above site.

If there is a contamination Erickson, Inc. state hazardous waste hauler No. 0019 will be considered to haul the contaminated soil.

The following amendment is for the Site Safety Plan.

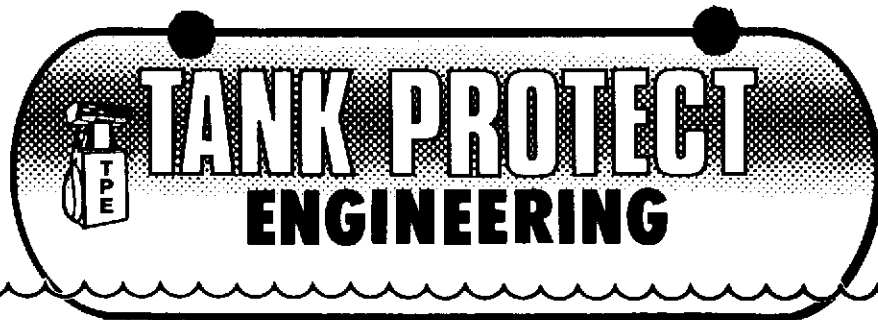
Level C protective clothing will be available on site.

An Organic Vapor Analyzer will be available on site to monitor the Lowest Explosive Level (LEL).

*Tank Protect Eng*

*Jafar Farhoomand*





(415) 429-8088  
(800) 523-8088  
FAX (415) 429-8089

Of Northern California

January 3, 1990

To : Hazardous Material Division  
Attn. : Mr. Wistar  
From : Tank Protect Engineering  
Re. : Application Amendment

Dear Mr. Wistar

Please find enclosed an amendment to the application and Site Safety Plan for tank removal located at 5175 Broadway, Oakland.

If there is any further question please feel free to contact our office.

Thanks

Tank Protect Engineering