

RECEIVED

By dehloptoxic at 10:44 am, Dec 20, 2006

C A M B R I A

December 19, 2006

Mr. Barney Chan
ACEHS
1131 Harbor Bay Parkway, Ste. 250
Alameda, CA 94502

RE: Chevron# 21-1283, 3800 Broadway Terrace, Oakland
ACEHS RO#: 56



Dear Mr. Chan:

This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the Cambria Environmental Technology, Inc. project manager is:

Charlotte Evans
Cambria Environmental Technology, Inc.
5900 Hollis St., Suite A
Emeryville, CA 94608
Office phone: 510-420-3351

Please contact Charlotte Evans at 510-420-3351 or Bob Foss at 510-420-3348 you have any questions.

Regards,

Cambria Environmental Technology, Inc.

**Cambria
Environmental
Technology, Inc.**

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

June 29, 2006

RECEIVED

By DEHLOPTOXIC at 1:46 pm, Jul 03, 2006

Mr. Barney Chan
ACEHS
1131 Harbor Bay Pkwy, Ste. 250
Alameda, CA 94502

RE: Chevron # 211283
3800 Broadway Terrace, Oakland
ACEHS RO# 56

Dear Mr. Chan:

This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the new Chevron project manager will be:

Satya Sinha
Chevron Environmental Management Company
6001 Bollinger Canyon Rd., K-2256
San Ramon, CA 94583
Office phone: 925-842-1589

Please contact either Mr. Sinha of Chevron or Laura Genin of Cambria Environmental Technology at 510-420-3367 if you have any questions.

Regards,

Cambria Environmental Technology, Inc.

RECEIVED

By dehloptoxic at 9:05 am, Aug 16, 2006

August 15, 2006

Mr. Barney Chan
ACEHS
1131 Harbor Bay Pkwy, Ste. 250
Alameda, CA 94502

RE: Chevron # 211283
3800 Broadway Terrace, Oakland
ACEHS RO#: 56

Dear Mr. Chan:

This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the Cambria Environmental Technology, Inc. project manager is:

Laura Genin
Cambria Environmental Technology, Inc.
5900 Hollis St., Suite A
Emeryville, CA 94608
Office phone: 510-420-3367

Please contact Laura Genin at 510-420-3367 or Bob Foss at 510-420-3348 you have any questions.

Regards,

Cambria Environmental Technology, Inc.

C A M B R I A

February 25, 2005

Mr. Barney Chan
ACHSA
1131 Harbor Bay Pkwy.
Oakland, CA 94502-6577

RE: 3800 Broadway Terrace, Oakland
ACHSCA RO#: 0000056

Dear Mr. Chan:



This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the new ChevronTexaco project manager will be:

Mr. Mark Inglis
ChevronTexaco
6001 Bollinger Canyon Rd., K-2256
San Ramon, CA 94583
Phone: 925-842-1589

Please contact either Mr. Mark Inglis or Cambria if you have any questions.

Regards,

Cambria Environmental Technology, Inc.

cc: Mark Inglis, Chevron Texaco

**Cambria
Environmental
Technology, Inc.**

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

Site #: 211283

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 9, 2002

Mr. Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

Re: Fuel Leak Case RO0000056, 3810 Broadway, Oakland CA 94607

Dear Ms. Petryna:

This letter formally approves the scope of work described in the August 8, 2001 Toxicchem Quarterly Monitoring Report- Second Quarter 2001. This work includes the proper closure of MW-5 and the replacement of this well in the same general location and the installation of a replacement well for MW-3 and MW-8 within the former excavation pit. Since the replacement well for MW-5 will be located next to the former well, no vadose soil samples need to be analyzed unless field screen results indicate significant contamination.

Please notify our office prior to performing this work. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. T. Del Frate, Delta Environmental Consultants, 3164 Gold Camp Drive, Suite
200, Rancho Cordova, CA 95670

Mr. Joe Zadik, 8255 San Leandro St., Oakland CA 94621

Wpap3810Broadway

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

March 29, 2001
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Re: Former Texaco Station, 3810 Broadway, Oakland CA 94611

Dear Ms. Petryna:

This letter serves to comment on the January 29, 2001 Quarterly Monitoring Report for the above referenced site. Our office has the following comments and concerns:

- Because of the damage/blockage experienced in monitoring well MW-5, you should properly close this well since it appears that it can not be rehabilitated. Please comment on whether you believe a replacement well is needed.
- Past reports have also mentioned the installation of replacement wells for MW-3 and MW-8. Please comment on status of these wells. As mentioned in my December 13, 2000 letter, there is a need to determine groundwater concentrations within the former excavation area. This is necessary to estimate health risk and determine if a contaminant source remains. Either replacement well(s) or a rehabilitated piping system can be used for this purpose.
- Please clarify whether any sampling can be done from the piping array installed in the tank excavation pit. Please illustrate the nature of the damage or impairment to the piping array.
- Please prepare a groundwater contour map for the site. This should not be eliminated even when a flat gradient is observed as was the case this monitoring event.

In regards to the recommendations in this report, resumption of MTBE analysis will allow the detection of new releases as opposed to the old releases where MTBE is absent. The removal of groundwater from MW-6 may be an interim measure if the majority of the contamination remains within the excavation pit. It is important to know the mass of the release to estimate the effectiveness of this remediation. However, our office has no objections to these recommendations.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. K. Winemiller, Toxicchem Management Systems, Inc., 1562 44th Ave., San Francisco,
CA 94122

Mr. Joe Zadik, 8255 San Leandro St., Oakland CA 94621

com3810Broadway

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, 2000
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Re: Former Texaco Station, 3810 Broadway, Oakland CA 94611

Dear Ms. Petryna:

This letter serves to comment on the November 20, 2000 Toxicchem Third Quarter 2000 monitoring report for the above referenced site. As you are aware, much of the site was affected by the recent construction activities by the current property owner at this site. A number of wells were damaged and the footing for the new canopy has impaired the use of the remediation piping installed within the former excavated pit. The three damaged wells were scheduled for repair and will be resurveyed, however, the use of the piping array for treatment or sampling is in question.

The piping was installed with the purpose of adding supplements, extracting groundwater and sampling. Horizontal and vertical slotted piping was placed in the area of the former dispenser islands, within the most impacted area. Although the affect of the removal of soil and groundwater contamination and the addition of oxygen releasing compound can be observed in down-gradient wells, no information of groundwater concentration within the heart of the plume is now available. Therefore, prior to site closure, you will be required to verify groundwater conditions within the excavation pit area. If concentrations in the down-gradient wells remain high, you may decide to either repair or replace the treatment piping, since additional remediation may be necessary.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. K. Winemiller, Toxicchem Management Systems, 152 44th Ave., San Francisco, CA 94122

2-3810Broadway

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

June 15, 2000
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Re: Soil Excavation Report for Former Texaco Station, 3810 Broadway, Oakland CA 94611

Dear Ms. Petryna:

Our office has received and reviewed the June 5, 2000 Soil Excavation Report for the above referenced site as prepared by Toxichem Management Systems, Inc. (Toxichem). As you are aware, this report details the performance of your previously approved work plan, which included significant soil excavation, the installation of vertical and horizontal piping, the removal of contaminated groundwater and the addition of oxygen releasing compound (ORC) into the excavation pit.

A significant amount of soil was excavated to extent possible given the need to install shoring. Additional contaminated soil was excavated when the property owner installed their new tanks. Our office, therefore, concurs with your consultant's conclusion that no further soil excavation is necessary.

I have also discussed with Mr. Keith Winemiller Toxichem's request regarding the replacement wells of MW3 and MW8, destroyed during the excavation and their desire not to replace MW-2, destroyed during the installation of the new tanks. Our office agrees that there is no need to replace MW-2. In addition, there is no need to replace MW3 and MW8 since replacement wells would be located near the former excavated pit and not provide any additional information. However, our office does believe that another monitoring well is necessary to delineate the contaminant plume south of MW-6, which continues to have elevated TPH and BTEX levels. Therefore, please have your consultant provide a figure indicating the location of this well and a description of the soil and groundwater sampling, which will be performed. As recommended by Toxichem, our office agrees, a new work plan is not necessary. Please also sample groundwater from the vertical piping installed within the excavation pit after purging. This sample will give useful information regarding groundwater quality and the potential need to add supplements to enhance bio-remediation.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

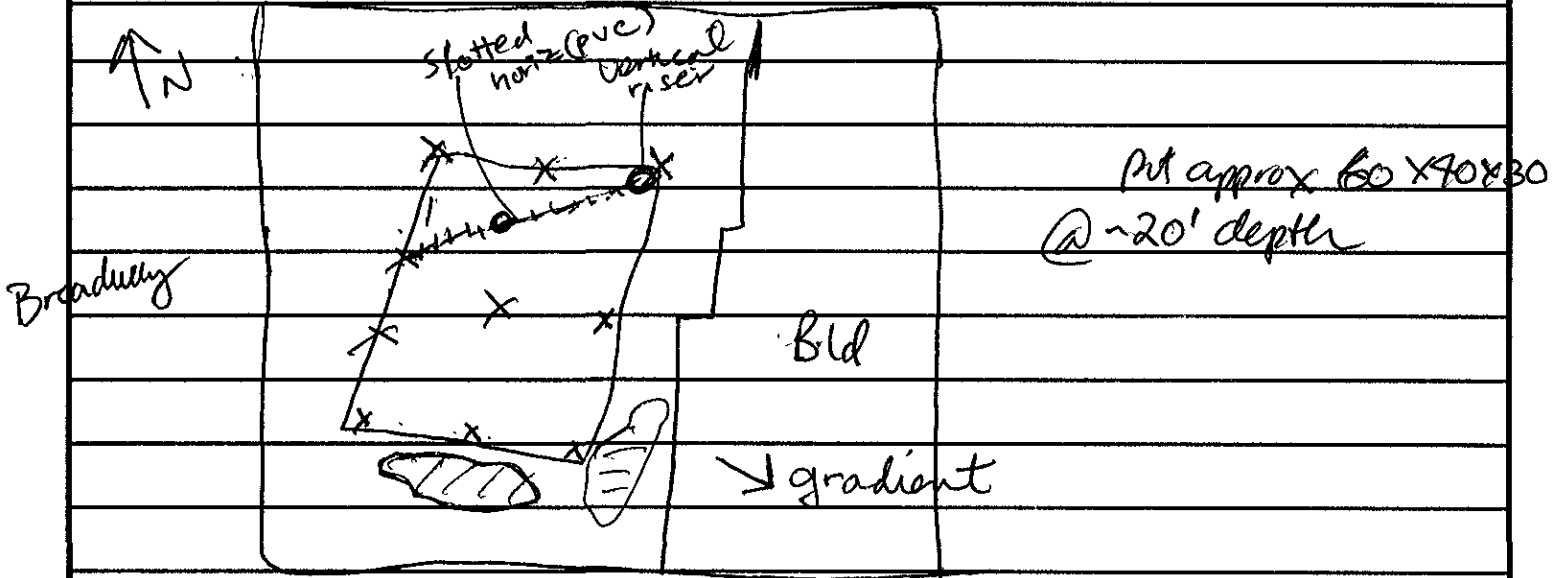
C: B. Chan, files

Mr. K. Winemiller, Toxichem Management Systems, 1562 44th Ave. San Francisco, CA 94122

3810 Broadway

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: 435 FACILITY NAME: FORMER TEXACO, 3810 Broadway 94611 PG. OF
 SUPPLEMENTAL FORM



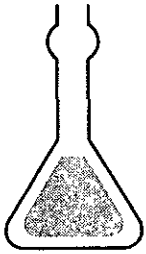
3/7/00

(x) indicate floor samples taken as of 3-7-00, 5:00pm
 Observe the excavation of the former dispensers & UST pit
 Shoring was implaced around entire pit. Excavation down to
 ~20'. Soils (w/exception of 2 ~5yd piles) being excavated
 + hauled ^{off} as generated, ~50 (10yd) loads taken so far
 Even under ~~oxygen~~ oxygen conditions - significant gas odor noticed
 in soils (even shallow soils)

Wayne Chui - Toxic Chem Present

Spoke w/w. Chui on 3-8-00 - completed excavation in N. direction
 took a total of 10 floor samples depth (20-23' bgs). Will put in
 horizontal stotted piping & vertical riser. Will slurry 800# ore
 onto floor base & backfill.

PRINT NAME: _____ INSPECTED BY: B CHAN
 SIGNATURE: _____ DATE: 3-7-00



**TOXICHEM
Management
Systems, Inc.**

Environmental & Occupational Health Services

1562 44th Avenue
San Francisco, California 94122
(415) 681-8816 / Fax (415) 681-8132

Industrial Hygiene - Exposure Assessment
Quantitative Risk Assessment
Compliance Audits
Real Property Environmental Assessments
Remedial Investigations
Air, Soil, and Groundwater Sampling
Remedial Engineering and Construction
Regulatory Compliance and Negotiation
Litigation Support Services

January 28, 2000
Project EQ-02.1A

Mr. Barney M. Chan
Alameda County Health Care Services Agency
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Certified List of Record Fee Title Owner(s)**
Former Texaco Service Station
3810 Broadway, Oakland, California

Dear Mr. Chan:

In accordance with Section 25297.15(a) of Chapter 6.7 of the State of California Health and Safety Code and on behalf of Equiva Services LLC, we certify that the following is a complete list of current record fee title owner(s) and mailing address(es) for the above referenced site.

Express Auto Clinic, Inc., 3810 Broadway, Oakland, California 94611

If you have any questions regarding this letter, please contact me at your convenience at (415) 681-8816.

Sincerely,

Toxicchem Management Systems, Inc.

Keith Winemiller, P.E.
Senior Engineer

cc: Ms. Karen Petryna, P.E., Equiva Services LLC, P. O. Box 7869, Burbank, CA 91510-7869

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 27, 1999
StID # 435

Mr. Karen Petryna
Equiva Sevices LLC
P.O. Box 6249
Carson, CA 90749-6249

Re: Former Texaco Service Station, 3810 Broadway, Oakland, CA 94611

Dear Ms. Petryna:

Our office has received and reviewed the August 30, 1999 Second Quarter 1999 monitoring report for the above site as prepared by Toxicchem, your consultant. Groundwater concentrations appear consistent with prior results, with separate phase hydrocarbons being detected in MW-3 and MW-8. Our office concurs with your consultant's recommendations:

- Implement a free product removal program from wells MW-3 and MW-8. This may be done by a regular bailing program or the installation of an automated skimmer.
- Begin measuring natural bio-degradation parameters including dissolved oxygen, oxidation-reduction potential, nitrate, sulfates and ferrous iron. Please include an interpretation of these parameters in your monitoring report.
- Implement the previously approved soil excavation program at the site. The monitoring report states that this will occur in either October or November of this year. Please be reminded that the work plan also called for the addition of oxygen-releasing compound into the capillary zone, the installation of piping for potential extraction purposes and the removal of groundwater, if present. Please notify our office prior to this work so we can be present for any confirmation soil sampling.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. K. Winemiller, Toxicchem Management Systems, Inc., 1562 44th Ave., San Francisco,
CA 94122

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)

August 17, 1999
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

**Re: Work Plan Addendum for Soil Excavation at Former Texaco Service Station, 3810
Broadway, Oakland CA 94611**

Dear Ms. Petryna:

Our office has received and reviewed the August 10, 1999 letter work plan addendum for the above site as prepared by Toxichem Management Systems, Inc. (Toxichem). This work plan responds to items in my June 17, 1999 letter. Specifically, the following items are clarified:

- Toxichem will install two additional wells to replace wells MW-3 and MW-8, which will be destroyed or properly decommissioned during the proposed soil excavation. Please confirm the location of the replacement wells after the excavation and backfilling activities.
- The presumed "clean" excavated soil, those soils between ground surface and 8' bgs, will be analyzed as a four point composite from four cells made from approximately 100 cubic yards of soil. The soil will be deemed re-useable if the composite sample does not exceed the proposed reuse numbers generated from Toxichem's discussion with Mr. Chuck Headlee of the Water Board. The following soil reuse concentrations for this site are acceptable:

TPPH	100 mg/kg
TEPH	100 mg/kg
BTEX(total)	1 mg/kg
Benzene	0.3 mg/kg
MtBE	<0.01 mg/kg

Please observe the additional requests within my June 17, 1999 letter and contact our office to observe the confirmation soil sampling.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. K. Winemiller, Toxichem, 1562 44th Ave., San Francisco, CA 94122
Mr. J. Zadik, 8255 San Leandro St., Oakland CA 94621
Wpadd3810

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 17, 1999
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

**Re: Work Plan for Soil Excavation at Former Texaco Service Station, 3810 Broadway,
Oakland, CA 94611**

Dear Ms. Petryna:

Our office has received and reviewed the **May 20, 1999 Work Plan for Soil Excavation** for the above referenced site as prepared by your consultant, Toxichem Management Systems, Inc. (Toxichem). This work plan follows up the **November 1998 Corrective Action Plan** from Toxichem, which evaluated other remediation approaches and decided on the excavation approach. The work plan gives further details of the proposed excavation and responds to comments in my February 4, 1999 letter wherein I approved the CAP with a few conditions.

The soil excavation work plan includes the following elements:

- Monitoring wells MW-3 and MW-8 will be properly abandoned since they are located within the excavation limits;
- Excavation of soils to the revised risk based concentrations (RBCs) mentioned in Toxichem's April 29, 1999 letter will be performed. The anticipated shallow clean material, from surface to approximately 8' bgs, will be segregated for possible reuse while the deeper impacted soils will be profiled for off-site disposal.
- After excavation, confirmation soil samples will be taken every 20 linear feet along the base wall of the excavation. These samples will be analyzed for Total Purgeable and Total Extractable Hydrocarbons, BTEX and MTBE. These same sample locations will also be tested in the field using a PID instrument.
- If groundwater is encountered during the excavation, particularly in the area of MW-3, it will be removed as much as possible and an estimate made of the amount of petroleum removed.
- Vertical PVC casing and horizontal slotted piping will be installed within the excavation for the possible future injection of supplements for enhanced bio-remediation or for the extraction of groundwater.
- Oxygen releasing compound (ORC) will be added as a powder in the saturated zone along with the backfill to increase dissolved oxygen content in groundwater.

Ms. K. Petryna
StID # 435
3810 Broadway, Oakland
June 17, 1999
Page 2.

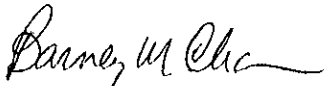
Our office approves this work plan with following conditions:

- Please provide a work plan to compensate for the destruction of monitoring wells 3 & 8.
- Please clarify how the assumed "clean" excavated soil will be tested to justify its reuse onsite. How many samples will be collected and from what locations and depths?
- The soil RBC values for cleanup should not be used for soil reuse values since you have not evaluated the exposure pathway, soil-leachate to protect groundwater ingestion. As a "rule of thumb", a total BTEX concentration of less than 1ppm in soil has informally been used as protective of groundwater. The disturbance of the subsurface from this excavation would likely increase the permeability of the soil and the risk of soil leachate migration. The RBC values do not consider TPPH or TEPH, which is not protective of potentially potable water. Lastly, the elevated soil RBC for MTBE would likely result in a groundwater concentration in excess of the MCLs being considered for this compound. For these reasons, please provide alternative soil reuse concentrations and a justification for them.
- Please confirm the highest soil sample MTBE reading using an GC/MS method, modified 8240 or 8260.
- Upon completion of activities, please provide our office with a copy of the diagram for the final piping configuration.
- Please incorporate the analysis of the natural bio-degradation parameters; dissolved oxygen, oxidation-reduction potential, nitrates, sulfates and ferrous iron in your future monitoring events. Your evaluation of these parameters should be reflected in a proposal to add any deficient supplements.
- Please contact our office prior to this proposed work so someone from our office may be present to witness the confirmation samples.

It was noticed that your first quarter 1999 groundwater monitoring report was missing an interpretation of the results and a recommendation and schedule for future actions. Please insure that your future monitoring reports include such components.

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

Sincerely,

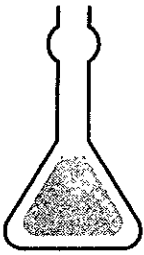


Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. K. Winemiller, Toxicchem Management Systems, Inc., 1562 44th Ave., San Francisco,
CA, 94122

Mr. J. Zadik, 8255 San Leandro St., Oakland CA 94621
Wpap3810



TOXICHEM Management Systems, Inc.

Environmental & Occupational Health Services

1461 Newport Avenue
San Jose, California 95125
(408) 292-3266 / Fax (408) 298-6591

Exposure Assessment/Estimation
Quantitative Risk Assessments
Industrial Hygiene
Regulatory Compliance Programs
Real Property Environmental Assessments
Compliance Audits
Air Pollution Dispersion Modeling
Hazardous Waste Management
Air Sampling and Analysis

April 29, 1999
Project EQ-02.1A

Ms. Medula Logan
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Revised Risk-Based Corrective Action Goals**
Former Texaco Service Station
3810 Broadway, Oakland, California

Dear Ms. Logan:

At your request, Toxicchem Management Systems Inc. (TOXICHEM) recalculated the risk-based corrective action goals for the above referenced site. As you recall, Alameda County Health Care Services Agency (ACHCSA) requested that the physical information for soil boring SB-1 be eliminated from the calculation. The table below summarizes the revised parameters used in the re-calculation.

Revised Soil Parameters

Parameter	SB-2-5	SB-3-5 ^a	SB-6-5	Average
Total Porosity	0.366	0.38	0.347	0.364
Moisture Content (cm ³ /cm ³)	0.303	0.12	0.270	0.231
Air Porosity (cm ³ /cm ³)	0.063	0.26	0.0775	0.133
Foc	0.015	0.01	0.022	0.016
Note: (a). disturbed sample, ASTM parameters assigned.				

RESULTS

Risk-based remedial concentrations (RBCs) for carcinogenic compounds were calculated by setting target carcinogenic risks to 10E-05. For non-carcinogenic compounds, RBCs were calculated by setting the hazard index to unity. All calculations and parameters are described in Appendix A of the *Corrective Action Plan* (TOXICHEM, November 15, 1998).

RBCs for soil are average column concentrations for the chemical of concern. RBCs for groundwater are average groundwater concentrations for the aerial extent of the plume. The table below summarizes revised RBCs.

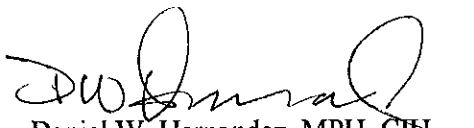
**Risk Based Soil and Groundwater Concentrations (RBCs)
For a Carcinogenic Risk of 10E-05 or Hazard Index of Unity**

Compound	RBC Soil (mg/kg)	RBC Groundwater (mg/l)
Benzene	0.3 @ 8 ft 0.4 @ 15 ft 0.5 @ 20 ft	1.6
Toluene	252	423
Ethyl benzene	496	1,043*
Xylenes	5,861*	3,535*
MtBE	882	10,562
Note: * exceeds the sorptive limits of soil or exceeds the solubility of the compound		

If you have any questions regarding this submittal, please contact me at your convenience at (408) 292-3266.

Sincerely,

Toxichem Management Systems, Inc.


Daniel W. Hernandez, MPH, CIH
President

cc: Ms. Karen Petryna, P.E., Equiva Services LLC, P.O. Box 6249, Carson, CA 90749-6249
Mr. Josh Bloom, Esq., McCutchen, Doyle, Brown & Enersen,
3 Embarcadero Center, Suite 1800, San Francisco, CA 94111
Mr. Joe Zadik, 8255 San Leandro Street, Oakland, CA 94621

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



February 4, 1999
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O.Box 6249
Carson CA 90749-6249

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

Re: Former Texaco Service Station, 3810 Broadway, Oakland CA 94611

Dear Ms. Petryna:

This letter is to inform you that our office has received and reviewed the documents previously requested in my January 5, 1999 letter. During the transfer of this site from Mr. Peacock of this office to myself, the reports; monitoring and Corrective Action Plan (CAP), were sent to Mr. Peacock's attention. Since then, I have been given the reports and have spoken with Mr. Dan Hernandez of Toxichem Management Systems about their contents.

As you are aware, the CAP report also included the results of six borings advanced at the site during July 1998, the sampling of borings for specific parameters for the ASTM risk assessment, and an evaluation of a number of remedial alternatives. These values were used to come up with risk based clean-up levels (RBC) for soil, groundwater and vapor for the constituents of concern (benzene, toluene, ethyl benzene, xylenes and MTBE). Both soil and groundwater RBC were exceeded. Currently, the risk assessment and the RBC is being evaluated by our risk assessor. Although there may be some change in the final RBC, the CAP is still valid and necessary.

The CAP evaluated four remedial alternatives; excavation and aeration/disposal, soil vapor extraction, bio-venting/air injection and intrinsic remediation. Please note the other technologies mentioned; thermal oxidation, carbon/resin adsorption, remediation monitoring and institutional control are not independent remedial approaches. They supplement and may be an essential part of the remedial alternatives. Remediation monitoring and institutional control will be required for this site, regardless of the remedial alternative selected. Bioventing/air injection can be eliminated because this alternative does not treat soils in the capillary fringe and the saturated zone, where the majority of the contamination exists at this site. Intrinsic (natural) remediation has not been shown to be effective since existing contaminant levels continue to exceed the RBC. The efficacy of soil vapor extraction is expected to be less as the amount of fine-grained sediment increases. In addition, there is a limited amount of porous soils at this site which would impair this remedial approach. This remedial process would be anticipated to take several years, after which, groundwater monitoring would be required. Based on economic and time constraint reasons, excavation was recommended by your consultant.

Our office recognizes the immediate effectiveness of soil removal, however, we feel that soil excavation alone may not be sufficient to remediate the site. Because of the non-uniform nature of soil and contamination distribution, it is not possible to remove all contaminated soils. We are aware of the desire to install new underground tanks at the site where excavation will be required for the tank pit. This excavation of soil would facilitate future tank installation.

Ms. K. Petryna
StID # 435
3810 Broadway , Oakland CA 94611
February 4, 1999
Page 2.

Under these conditions, our office approves the proposed CAP with the following additional requirements:

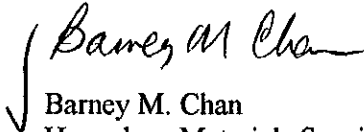
- During the excavation it is assumed that groundwater removal will be required to allow the excavation of saturated contaminated soils. Please consider the removal of as much groundwater as possible to remove additional dissolved contamination.
- While the excavation pits are open, please consider the addition of supplements to enhance natural bio-degradation. These supplements may include oxygen releasing compounds and nutrients.
- You are also encouraged to install any piping or casings for future addition of supplements or removal of contaminants.

Please submit a specific work plan describing the expected limits of your excavation. The work plan should include a confirmation soil and groundwater sampling plan, a stockpile sampling plan, a groundwater disposal plan, a work plan schedule and a section to address the above items.

Please submit your work plan to our office **within 45 days or by March 19, 1999.**

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. D. Hernandez, Toxicchem Management Systems, Inc., 1461 Newport Ave.,
San Jose, CA 95125

CAPap3810

January 5, 1999
StID # 435

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 8080
Martinez, CA 94553

Re: Former Texaco Service Station, 3810 Broadway, Oakland CA 94611

Dear Ms. Petryna:

This letter serves to inform you that the oversight of the above referenced site has been transferred from Mr. Thomas Peacock to myself. Further conversations and correspondence should be directed to me.

I have briefly reviewed the case history and files for the site in an attempt to update the case files and expedite the next steps of investigation and remediation. I would like to bring the following items to you attention for response and reply:

- It appears that the most recent quarterly monitoring report received by our office is the Second Quarter 1998 report performed by Blaine Tech Services and submitted with a cover letter from Toxichem Management Systems, Inc. Please submit all quarterly reports since this referenced report.
- The last correspondence from our office was the May 20, 1998 letter to Mr. Marvin Katz of Texaco from Mr. Thomas Peacock. This letter responded to the April 20, 1998 work plan from Toxichem Management Systems. The work plan proposed to advance six additional borings near the former pump islands and around the former underground tank pit. Additionally, other soil parameters including total porosity, moisture content, air filled porosity and total organic carbon were to be collected. The soil analytical results would supplement existing data and used to calculate site specific cleanup levels. Mr. Peacock's letter mentioned the items of concern of Ms. Madhulla Logan, the County risk assessor. The letter was meant to imply that the work plan was otherwise accepted by our office. I have included a copy of this letter. Upon review of the work plan, please add the analytes; TPHd and MTBE. In addition, the sample with the highest TPHd concentration should also be analyzed for naphthalene. You are reminded that the samples being run for total organic carbon should be from a "clean" sample. Please schedule this investigation within the next 60 days and notify our office 72 working hours prior to this field work.
- You should consider, at a minimum, the addition of a device for free product removal into MW-3.

After this investigation is completed, you should provide a brief work plan for your site specific risk assessment. The work plan should include what samples will be used for the assessment and other site specific variables. At that time please contact Ms. Madhulla Logan at (510) 567-6764.

Ms. Karen Petryna
StID # 435
3810 Broadway, Oakland CA 94611
January 5, 1999
Page 2.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure

C: B. Chan, files
Mr. G. Friedkin, Friedkin-Becker, 300 Grand Ave., Oakland CA 94610
Mr. D. Hernandez, Toxichem Management Systems, Inc., 1461 Newport Ave., San Jose,
CA, 95125

Wp/rep3810Broadway

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



May 20, 1998
STID 435

Texaco Environmental Svc.
ATTN: Marvin Katz
100 Cutting Blvd.
Richmond, CA 94804

RE: 3810 Broadway, Oakland, CA 94611

Dear Mr. Katz:

This office has received and reviewed a Groundwater Monitoring and Sampling Report by Blaine Tech Services dated January 26, 1998 for the above site. It is good to see that you have monitored the wells again, since the previous report was over a year ago. MW-6, MW-8, and MW-10 showed increases in contamination. MW-10 is key here because it is a downgradient well, although the levels are not really high. The benzene in MW-2, MW-3, MW-6, and MW-8 is still significant.

You did not specify any conclusions or recommendations in this report. Also, there is not a frequency for future sampling agreed to.

You submitted a workplan dated April 24, 1998 wherein you specified a method of doing a risk assessment with the data from the several soil borings. Madhulla Logan of this office reviewed the proposal and had these comments. The following comments need to be addressed in the risk assessment:

1. You need to use the Cal-EPA slope factor of 0.1 rather than the federal value.
2. Risk need only be calculated for a 10⁻⁵ risk value (1 in 100,000).
3. You need to look at exposure pathways in relationship to the new proposed retail station. Of concern would be indoor exposure and where the building would be in relationship to remaining contamination.
4. If you use site specific parameters you need to also include background samples ~~or~~ from a non-contaminated area.

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 8, 1998
STID 435

Texaco Environmental Svc.
ATTN: Karen E. Petryna
100 Cutting Blvd.
Richmond, CA 94804

RE: 3810 Broadway, Oakland, CA 94611

Dear Ms. Petryna:

This office has received and reviewed an letter from Mary Haber and records of ownership of the above site. Robert Robles of your company was sent the Notice of Responsibility. The last monitoring report was submitted to this office over 1 year ago. This site is one that has a free product problem and needs attention soon. Monitoring had been suspended pending a decision concerning your company's participation.

You are directed to implement a groundwater monitoring program within 30 days. Please contact this office as soon as possible concerning when continued field monitoring will be accomplished.

If you have any questions, please contact this office at (510) 567-6782.

Sincerely,

Thomas Peacock, Manager
Division of Environmental Protection

c: Bob Robles, Texaco, 10 Universal City Plaza, Universal
City, CA 91608
Dick Pantages, Chief - files
Gerald Friedkin, Freidkin-Becker, 300 Grand Ave., Oakland,
CA 94611



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>

#435
ALL



Pete Wilson
Governor

NOV 25 1997
Gerald S Friedkin
300 Grand Ave
Oakland, CA 94610

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 10630, FOR SITE ADDRESS: 3810 BROADWAY, OAKLAND 94611

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$40,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

Consequently, if you do not submit your first reimbursement request for corrective action costs which you have incurred within ninety (90) calendar days from the date of this letter, your funds will automatically be deobligated. Once deobligated, any future funds for this site will be obligated subject to availability of funds at such time when we receive your reimbursement request.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Steve Marquez, our Technical Reviewer assigned to claims in your Region, at (916) 227-0746. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

- "Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.
- "Bid Summary Sheet" to list information on bids received which **must be completed and returned.**



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.

GERALD S FRIEDKIN

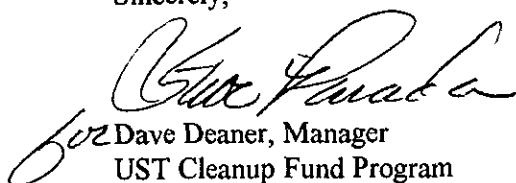
Page 2

- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your reimbursement request.
- "Claimant Data Record" (Std. Form 204) which must be completed and returned with your first reimbursement request.

We continuously review the status of all active claims. If you do not submit a reimbursement request or fail to proceed with due diligence with the cleanup, we will take steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Anna Torres at (916) 227-4388.

Sincerely,


for Dave Deaner, Manager
UST Cleanup Fund Program

Enclosures

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





SVID 435
AU

Douglas A Gravelle
Attorney

Texaco

10 Universal City Plaza 13th Floor
Universal City CA 91608 1006
818 505 3066
FAX 818 505 3079
graveda@texaco.com

July 31, 1997

Amy Leach
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: 3810 Broadway, Oakland, CA 94611

Dear Ms. Leach:

It is my understanding that you have been in communication with the Friedkins regarding environmental work at the above-referenced site. This letter is to advise you that Texaco plans on conducting future assessment and remediation activities at the property. Accordingly, future communications regarding the same should be directed to:

Mr. Marvin Katz
Texaco Environmental Health & Safety
108 Cutting Blvd.
Richmond, CA 94804

A copy of such communications should also be sent to the property owner.

Also, please be advised that, notwithstanding this letter, Texaco reserves all rights it may have against any other parties, and Texaco furthermore reserves its right to appeal or challenge any activities or cleanup standard(s) imposed upon it by any agency.

Please call me at the above number should you have any questions about this letter.

Respectfully,

Douglas A. Gravelle

cc: Mr. Marvin Katz
Texaco Environmental Services
108 Cutting Blvd.
Richmond, CA 94804

Amy Leach
July 31, 1997
Page 2

Mary Haber, Esq.
LAW OFFICES OF MARY HABER
353 Sacramento Street, Suite 600
San Francisco, CA 94111

Mr. Joseph Zadik
San Francisco-Oakland Auto Truck Plaza
8255 San Leandro Street
Oakland, CA 94621

Mary Haber

Attorney at Law

353 Sacramento Street, Suite 600
San Francisco, California 94111-3633
(415) 989-7107 Facsimile (415) 433-5354
February 11, 1997

Amy Leach
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: 3810 Broadway, Oakland, California

Dear Amy:

This letter is to confirm our telephone conversation of February 5, 1997 in which I informed you that the Friedkins are in the process of negotiating an agreement with Texaco for Texaco to assume the assessment, remediation and monitoring of the petroleum hydrocarbon release (the "Release") at the above-captioned property (the "Property"). Additionally, I requested that Alameda County Environmental Health waive its monitoring requirements for this quarter and allow for the development of the remedial system to be postponed until the agreement with Texaco is final. You requested certain information regarding the transfer of responsibility for the Release to Texaco and assurances that if requirements are waived for this quarter, development of the remediation plan and monitoring would occur early in the second quarter of 1997. Below is the information you requested.

Texaco owned the Property from 1963 to 1985. During Texaco's ownership, there were four fuel tanks and one waste oil tank located on the premises. Texaco removed the fuel tanks in 1980. The Friedkins purchased the Property in 1987. The waste oil tank was removed in 1991. The investigatory work on the Release was recently completed. The Friedkins and Texaco are now in the process of negotiating an agreement under which Texaco will assume responsibility for any future assessment, remediation, and monitoring that is required related to the Release. If the confidentiality provisions of the agreement allow, a copy of the final agreement will be provided to you when it is has been finalized and executed.

You indicated that it would be acceptable to wait to design the remedial system until the contract negotiations are complete, assuming the negotiations do not take an extended period of time. You expressed some concern about skipping this quarter of monitoring, but indicated that this would be acceptable if Texaco will perform the second quarter monitoring in early April and if the design of the remedial system will take place soon after

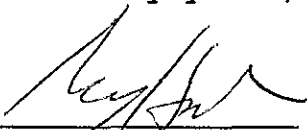
Amy Leach
February 11, 1997
Page 2

contract negotiations are complete. I believe that negotiations will be completed by the end of March. Texaco has indicated that both the monitoring and remedial design work will commence promptly after negotiations are complete. By copy of this letter, I am requesting Marvin Katz to provide you with a schedule that Texaco proposes to follow for these activities, which I trust will be acceptable.

Should you have any questions about Texaco's role, please contact Marvin Katz at (510)236-1112 or Texaco's legal counsel, Doug Gravelle at (818)505-3066. Should you have any other questions regarding this letter, please do not hesitate to contact me.

Thank you for your attention to this matter.

Sincerely yours,



Mary Haber

CC: Gerald Friedkin
Doug Gravelle, Esq.
Marvin Katz



Gerald S. Friedkin
President

ENVIRONMENTAL
PROTECTION

96 DEC -4 PM 3:28

December 3, 1996

Ms. Susan L. Hugo
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: **3810 Broadway**
Oakland, California

Dear Ms. Hugo:

Enclosed please find the November 25, 1996 "Soil and Groundwater Assessment Report" for the above-captioned property, prepared by Fluor Daniel GTI. I believe the information and conclusions in the reports are accurate.

The next proposed phase of work is the development of a workplan for the remediation of the petroleum hydrocarbon release.

Please feel free to contact either me, Brian Garber at Fluor Daniel GTI, or my attorney Mary Haber if you have any questions concerning the enclosed. I can be reached at (510) 465-7500. Brian can be reached at (916) 372-4700, and Mary can be reached at (415) 989-7107.

Sincerely yours,


Gerald Friedkin

Enclosure

cc: Mary Haber (w/o encl.)

Transferred to 042 11/6/96

2056

RP - RECORD CHANGE REQUEST FORM

printed:
11/06/96

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

Insp: ALL

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 435 LOC:
 SITE NAME: Express Auto Clinic DATE REPORTED : 05/15/91
 ADDRESS : 3810 Broadway DATE CONFIRMED: 05/15/91
 CITY/ZIP : Oakland 94611 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: U CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 03/04/92
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/04/92
 LUFT FIELD MANUAL CONSID: 1HSCAW
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 05/01/91 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Gerald Friedkin
 COMPANY NAME: Friedkin-Becker
 ADDRESS: 300 Grand Avenue
 CITY/STATE: Oakland CA 94610

INSPECTOR VERIFICATION:

NAME _____	SIGNATURE _____	DATE _____
------------	-----------------	------------

DATA ENTRY INPUT:

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

SPD 435



FLUOR DANIEL GTI

August 13, 1996

Ms. Susan Hugo
Senior Environmental Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Groundwater Monitoring Report Schedule
Former Texaco Facility
3810 Broadway
Oakland, California
Project 02070-0324

Dear Ms. Hugo:

This letter was prepared by Fluor Daniel GTI, (Fluor Daniel GTI) on behalf of Mr. Gerald Friedkin to confirm the agreement to include the second quarter groundwater monitoring results in a report presenting results of the next phase of investigation at the subject site. The agreement was made during a telephone conversation with Ms. Susan Hugo of the Alameda County Environmental Health Department and Mr. Brian Garber of Fluor Daniel GTI on August 2, 1996. The second quarter groundwater monitoring was completed on July 24, 1996. The completion of the next phase of investigation is pending issuance of encroachment permits by the City of Oakland.

Please contact our West Sacramento office at (916) 372-4700 if you have comments or require additional information.

Sincerely,
Fluor Daniel GTI, Inc.
Submitted by:

Brian H. Garber
Environmental Geologist
Project Manager

PR

c: Ms. Mary Haber, Attorney at Law - San Francisco
Mr. Marvin Katz - Texaco Refining and Marketing, Inc.

0324add.ltr



FLUOR DANIEL GTI

August 13, 1996

Ms. Susan Hugo
Senior Environmental Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Groundwater Monitoring Report Schedule
Former Texaco Facility
3810 Broadway
Oakland, California
Project 02070-0324

Dear Ms. Hugo:

This letter was prepared by Fluor Daniel GTI, (Fluor Daniel GTI) on behalf of Mr. Gerald Friedkin to confirm the agreement to include the second quarter groundwater monitoring results in a report presenting results of the next phase of investigation at the subject site. The agreement was made during a telephone conversation with Ms. Susan Hugo of the Alameda County Environmental Health Department and Mr. Brian Garber of Fluor Daniel GTI on August 2, 1996. The second quarter groundwater monitoring was completed on July 24, 1996. The completion of the next phase of investigation is pending issuance of encroachment permits by the City of Oakland.

Please contact our West Sacramento office at (916) 372-4700 if you have comments or require additional information.

Sincerely,
Fluor Daniel GTI, Inc.
Submitted by:

Brian H. Garber
Environmental Geologist
Project Manager

PR

c: Ms. Mary Haber, Attorney at Law - San Francisco
Mr. Marvin Katz - Texaco Refining and Marketing, Inc.

0324add.ttr

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

June 21, 1996
STID# 435

Mr. Gerald Friedkin
300 Grand Avenue
Oakland, California 94610

**RE: Work Plan for Groundwater Monitoring Well Installation
Former Texaco Facility - 3810 Broadway, Oakland, CA 94611**

Dear Mr. Friedkin:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the work plan dated June 13, 1996, prepared and submitted by Fluor Daniel GTI for the above referenced site. Six additional groundwater monitoring wells will be installed to assess the lateral extent of the separate phase and dissolved petroleum hydrocarbon found at the site.

The work plan is acceptable to this office provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from the boring must be from the saturated/unsaturated zone interface.
- 2) Wells should be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL). Groundwater flow direction must be established for the site.
- 3) Groundwater monitoring wells must be sampled at a minimum of every quarter and analyzed for TPH gasoline, TPH diesel, TPH motor oil and BTEX (benzene, toluene, ethyl benzene, xylene).
- 4) Soil and groundwater samples must be analyzed for target analytes listed in item #3.
- 5) Placement of monitoring wells MW-9 and MW-10 along Broadway should be strategically located to provide plume definition.
- 6) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted to this agency within **60 days** after completion of the work performed at the site.

Mr. Gerald Friedkin
RE: 3810 Broadway, Oakland, CA 94611
June 21, 1996
Page 2 of 2

Until cleanup is complete, you will need to submit quarterly reports to this office and the following items must be incorporated in your future reports or workplans:

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

All reports and proposals 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.

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
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco Bay RWQCB
Brian Garber, Fluor Daniel GTI, 1401 Halyard Drive, Suite 140
West Sacramento, CA 95691



January 8, 1996

Ms. Susan L. Hugo
 Senior Hazardous Materials Specialist
 Alameda County Department of Environmental Health
 Environmental Protection Division
 1131 Harbor Bay Pkwy, #250
 Alameda, California 94502-6577

Dear Ms. Hugo

**SUBJECT: SUPPLEMENTAL SITE INVESTIGATION
 3810 BROADWAY, OAKLAND, CA
 STID #435**

This letter will serve as a follow-up to our telephone conversation on Thursday, January 4, 1996. As discussed, McLaren/Hart will submit the report for the above-referenced project to Alameda County on January 12, 1996, rather than the original due date of January 3, 1996. The delay is due to the incorporation of geologic cross sections into the report, as requested by Texaco.

Thank you for your consideration in this matter. Should you have any questions about the project, please contact me at (510) 748-5634.

Sincerely,

Christopher Warwick
 Associate Geoscientist

cc: Mary Haber, Esq.

Post-it® Fax Note	7671	Date	1/8/96	# of pages	1
To	SUSAN HUGO	From	CHRIS WARWICK		
Co./Dept.		Co.			
Phone #		Phone #	(510) 521-5200		
Fax	(510) 337-9335	Fax	(510) 521-1547		

010ZILS1.LTR

1135 Atlantic Avenue, Alameda, CA 94501 (510) 521-5200 FAX (510) 521-1547



McLAREN/HART ALAMEDA OFFICE

This is a facsimile from McLaren/Hart Environmental Engineering Corporation, 1135 Atlantic Avenue, Alameda, CA 94501. Our dedicated FAX number is (510) 521-1547. Our telephone number is (510) 521-5200.

Attention: SUSAN HUGO

I am sending 2 page(s), including this cover sheet.

Date: 01-02-96

Time Out: _____

FAX Number Called: 510 337-4335

Job/Task: 3810 BROADWAY

MESSAGE: SUZAN - HERE IS LETTER PER OUR CONVERSATION.
CALL ME W/ QUESTIONS.

Sincerely,

CHRIS WARWICK

Person Transmitting Copy

570 748-5634

Direct Telephone Number





January 2, 1996

Ms. Susan L. Hugo
Senior Hazardous Materials Specialist
Alameda County Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Pkwy, #250
Alameda, California 94502-6577

Dear Ms. Hugo

**SUBJECT: SUPPLEMENTAL SITE INVESTIGATION
3810 BROADWAY, OAKLAND, CA
STID #435**

This letter will serve as a follow-up to our telephone conversation on Tuesday, January 2, 1996. As discussed, McLaren/Hart will submit the report for the above-referenced project to Alameda County on January 5, 1996, rather than the original due date of January 3, 1996. The delay is due to the incorporation of geologic cross sections into the report, as requested by Texaco.

Please sign in the space provided below indicating your acceptance of this letter, and fax the signed letter back to McLaren/Hart at (510) 521-1547. Thank you for your consideration in this matter. Should you have any questions about the project, please contact me at (510) 748-5634.

Sincerely,

A handwritten signature in cursive script that reads 'Christopher Warwick'.

Christopher Warwick
Associate Geoscientist

_____, 1996
Signature Title Date

010ZTLS1.LTR

1135 Atlantic Avenue, Alameda, CA 94501 (510) 521-5200 FAX (510) 521-1547



** TOTAL PAGE.002 **

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

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

September 14, 1995
STID# 435

Mr. Gerald Friedkin
300 Grand Avenue
Oakland, California 94610

**RE: Work Plan for Supplemental Site Investigation
3810 Broadway, Oakland, California 94611**

Dear Mr. Friedkin:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Work Plan for Supplemental Site Investigation (August 16, 1995), prepared and submitted by McLaren Hart for the referenced site.

Based on this review, the workplan is acceptable to this office provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from the boring must be from the saturated/unsaturated zone interface.
- 2) Wells should be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).
- 3) Groundwater monitoring wells must be sampled at a minimum of every quarter and groundwater elevation readings must be incorporated in the monitoring program. Groundwater flow direction shall be established at the site.
- 4) TPH diesel, TPH motor oil and chlorinated solvents must be analyzed on selective soil and groundwater samples in addition to the proposed TPH gasoline and BTEX analyses.
- 5) Any waste (hazardous or non-hazardous) generated at the site must be characterized and disposed appropriately. Documents of all waste disposal must be provided to this office.
- 6) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.
- 7) Please submit the data collected during the installation of the groundwater monitoring well MW-2 including the well construction diagram.

Mr. Gerald Friedkin
RE: 3810 Broadway, Oakland, CA 94611
September 14, 1995
Page 2 of 2

A report must be submitted to this agency within **60 days** after completion of the work performed at the site.

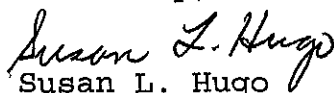
Until cleanup is complete, you will need to submit quarterly reports to this office and the following items must be incorporated in your future reports or workplans:

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

All reports and proposals 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.

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Jun Makishima, Interim Director, Environmental Health
George Young, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco Bay RWQCB
Saul Germanas, McLaren Hart - 1135 Atlantic, Alameda, CA 94501

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 0 M 6 M 2 D 1 D 9 Y 5 Y		CASE #		SIGNED: <i>Juan Lopez</i> 9/15/95 DATE	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT GERALD FRIEDKIN		PHONE (510) 465-7500		SIGNATURE <i>Gerald Friedkin</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME		
	ADDRESS GERALD FRIEDKIN 300 GRAND AVENUE OAKLAND CA 94610 <small>STREET CITY STATE ZIP</small>				
RESPONSIBLE PARTY	NAME GERALD FRIEDKIN		CONTACT PERSON <input type="checkbox"/> UNKNOWN		PHONE (510) 465-7500
	ADDRESS 300 GRAND AVENUE OAKLAND CA 94610 <small>STREET CITY STATE ZIP</small>				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) EXPRESS AUTO CLINIC		OPERATOR ROSS ATWOOD		PHONE ()
	ADDRESS 3810 BROADWAY OAKLAND ALAMEDA 94611 <small>STREET CITY COUNTY ZIP</small>				
	CROSS STREET 38TH STREET				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME ALAMEDA COUNTY HEALTH CARE SERVICES		CONTACT PERSON SUSAN HUGO		PHONE (510) 567-6700
	REGIONAL BOARD SAN FRANCISCO BAY REGION		CONTACT PERSON KEVIN GRAVES		PHONE (510) 286-1255
SUBSTANCES INVOLVED	(1) NAME WASTE OIL		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 M 5 M 1 D 5 D 9 Y 1 Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 M 5 M 1 D 5 D 9 Y 1 Y				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <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) <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) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)				
COMMENTS	COMMENTS				
	COMMENTS				

LAW OFFICES OF

CYNTHIA B. SILVERSTEIN

OF COUNSEL
BAYER, AUGUST & KEATING

425 CALIFORNIA STREET, SUITE 1800
SAN FRANCISCO, CALIFORNIA 94104-2203

ALCO
HAZMAT

94 MAR 29 PM 2:27
TELEPHONE: (415) 434-4222
FACSIMILE: (415) 434-3450

VIA REGISTERED MAIL -
RETURN RECEIPT REQUESTED

February 17, 1994

Daniel J. McCarrel, Esq.
Attorney, Legal Department
10 Universal City Plaza
Universal City, CA 91608

Re: 3800-3810 Broadway, Oakland, California

Dear Mr. McCarrel:

I represent Mr. Gerald Friedkin regarding the captioned property. He provided me with a copy of your letter to him of almost one year ago, and his response to you dated February 23, 1993. I called you and left a few messages last July and August, and wrote to you in October, 1993.

My client has not heard from you since you agreed to take responsibility for the investigative work at the site. My client has since received a letter from the County of Alameda, Health Care Services Agency requesting certain items of assessment and monitoring be completed and verification forwarded to them. A copy of that letter is attached hereto.

Please be notified that my client will honor his agreement to expend certain sums of money, but will hold Texaco fully responsible for compliance with all investigative work which must be performed, pursuant to your written agreement to do so. This includes responsibility for any penalties or fines which may be assessed by any agencies due to the extreme delay that your company has taken to perform the investigative work.

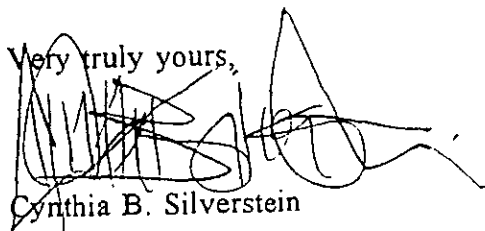
Since we cannot yet accurately assess responsible party liability for the contamination at the property, we would like to enter a formal tolling agreement with Texaco, as well as an access agreement, as we currently have a tenant at the property. Please contact me at your earliest convenience so that we

Daniel J. McCarrel, Esq.
February 17, 1994
Page Two

may discuss these agreements, as well as your compliance with the letter from the County of Alameda.

I look forward to hearing from you, and working with you to resolve all issues.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Cynthia B. Silverstein'. The signature is stylized and somewhat illegible due to overlapping loops and lines.

Cynthia B. Silverstein

cc: Mr. Gerald S. Friedkin
Mary Haber, Esq.

315.525

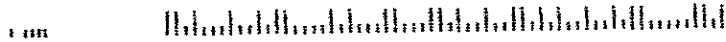
LAW OFFICES OF

CYNTHIA B. SILVERSTEIN

425 CALIFORNIA STREET, SUITE 1800
SAN FRANCISCO, CALIFORNIA 94104-2203



s. Susan Hugo
Department of Environmental Health
UST Local Oversight Programs
80 Swan Way, Room 200
Oakland, CA 94621



N00-22-793 MON 15:09 ID:FRIEDKIN BECKER 0000 #263 P01

2056

FRIEDKIN-BECKER

FACSIMILE TRANSMISSION

Date: November 22, 1993

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

Name: Susan Hugo Fax Number: 569-4757
Firm Name: Alameda County Health Care Services

Sender: Gerald Friedkin

Subject: STID #435 - 3810 BROADWAY, OAKLAND

Comments: Pursuant to our conversation, enclosed please find a copy of a letter from Texaco regarding the above referenced. My attorney, Cynthia Silverstein, will be contacting you regarding your help in this matter. Thank you very much for your patience and understanding. Ms. Silverstein's phone number is (415) 392-4422

We are transmitting 3 pages, including this cover sheet from our fax number: (510) 834-4130.

If you do not receive all of these pages, please call Nydia at (510) 465-7500.

CONFIDENTIALITY NOTICE: This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone (collect) and return the original message to us at the address below via the U.S. Postal Service. Thank you.

Original to follow: No

**300 GRAND AVENUE, OAKLAND,
CALIFORNIA, 94610**

TELEPHONE NUMBER: (510) 465-7500

FACSIMILE NUMBER: (510) 834-4130



Daniel J McCarrel
Attorney
Legal Department

Texaco Inc

10 Universal City Plaza
Universal City CA 91608 1097
818 505 3023
FAX 818 505 3059

February 11, 1993

Gerald S. Friedkin
Friedkin and Becker
300 Grand Avenue
Oakland, CA 94610

Re: 3800 or 3810 Broadway, Oakland, California

Dear Mr. Friedkin:

In response to your requests that Texaco Refining and Marketing Inc. ("TRMI") assume the assessment and remediation of the alleged gasoline contamination on the above-captioned site, please be advised that TRMI's technical analysis of the submitted Harza Kaldveer Consulting Engineers' ("Kaldveer") reports does not support the conclusion that the alleged gasoline contamination arose solely from TRMI's past ownership and removal of underground gasoline storage tanks on the site.

It is TRMI's position that the Kaldveer reports establish the existence of gasoline contamination on the site, but do not support any conclusion concerning origin of that contamination. The two monitoring wells installed by Kaldveer are insufficient to determine the groundwater gradient, characterize any plumes, or determine the origin(s) of contamination. In fact, the Kaldveer reports state that at the nearby Kaiser Permanente Medical Center the local groundwater flows generally to the west-southwest. If this direction of groundwater flow is repeated on the site, it is improbable that any gasoline hydrocarbons originating from the former TRMI tank pit area could have migrated to the region of the former waste oil tank. Based on the three Kaldveer reports the waste oil tank is the most likely source for the gasoline contamination, especially considering that oil and grease, along with halogenated volatile organics were also discovered in the two monitoring wells in the vicinity of the waste oil tank. However, the possibility of up-gradient off-site sources for the contamination has not been ruled out.

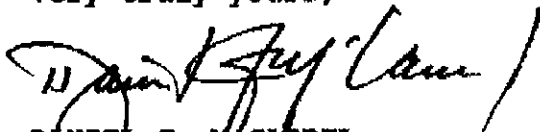
As it is not impossible, merely unproven at this time, that the discovered gasoline contamination originated from the TRMI product tank pit, I propose that TRMI enter into an assessment agreement with you ("the owner") embodying the following elements:

Gerald S. Friedkin
February 11, 1993
Page 2

1. Further assessment of the site will be undertaken jointly by both TRMI and the owner.
2. Financial costs of the assessment will be divided equally between TRMI and the owner. TRMI will advance the costs for both parties and the owner will reimburse TRMI for owner's share of assessment expenses.
3. TRMI will draft the assessment work plan. The plan will consist in general of six soil borings, four of which will be converted into monitoring wells, and two groundwater sampling events on all of the monitoring wells (both the two existing ones and the four proposed ones).
4. The consultant utilized in the assessment will be selected by competitive bidding from among TRMI-approved contractors.
5. The cost of the assessment will not exceed \$50,000, or \$25,000 for either of the two participants.
6. The foregoing proposed assessment agreement is subject to the approval of TRMI management.
7. By offering to participate in the initial assessment of the site, TRMI admits no liability for any contamination found on the site.

Should you have any questions concerning this proposal, please contact me at (818) 505-3023.

Very truly yours,



DANIEL J. MCCARREL
gwh0201

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

November 18, 1993
STID# 435

Mr. Gerald Friedkin
Friedkin - Becker
300 Grand Avenue, Oakland, CA 94610

**RE: Status of the Soil and Groundwater Investigation/Remediation
Former Precision Tune - 3810 Broadway St., Oakland, CA 94611**

Dear Mr. Friedkin:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the files concerning the soil and groundwater investigation/remediation at the referenced site. One waste oil underground storage tank was removed in May 5, 1991 at the site. We are in receipt of the following reports:

- * Analytical results of soil samples collected during the tank removal; analyzed by Superior Laboratory and reported in June 19, 1991.
- * Limited Soil and Groundwater Quality Investigation Report dated November 15, 1991 and prepared by Kaldveer Associates
- * Work Plan for additional Monitoring Well dated January 21, 1992 and prepared by Kaldveer Associates

Based upon the review process of all the reports submitted to this office for the referenced site, the following issues needed clarification and must be addressed:

- 1) The work plan for additional monitoring well installation was approved by this agency. A correspondence dated January 21, 1992 from this office approved the work plan for implementation. To date, no report has been submitted documenting that the additional monitoring well was installed. Please clarify if the approved work plan was implemented and submit all the data gathered during this phase of the investigation including the analytical results, boring logs and the monitoring well construction diagram.
- 2) It appears that the extent of groundwater contamination at the site remains undefined. Monitoring well MW-1 exhibited elevated levels of the following target compounds: TOG (1,000 ppb), TPH gasoline (300 ppb), TPH diesel (1700 ppb), benzene (4,100 ppb) and xylene (20 ppb). In addition, significant levels of halogenated volatile organic compounds were detected. Please submit a work plan to delineate the vertical and lateral extent of the hydrocarbon plume.

Mr. Gerald Friedkin
RE: 3810 Broadway, Oakland, CA 94611
November 18, 1993
Page 2 of 3

- 3) Verified downgradient direction must be established at the site. One monitoring well must be installed within ten feet downgradient of the former tank location. Groundwater elevation readings must be performed every quarter and all monitoring wells must be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).
- 4) Monitoring well **sampling frequency must occur every quarter**, the maximum sampling interval allowed when ground water contamination is present. Only one sampling event was performed in the well (MW-1) which occurred in October 19, 1991. All monitoring wells must be sampled and analyzed for target compounds and groundwater elevation measurements must be conducted. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 5) Please submit a time schedule for all phases of the investigation and remediation activities at the site.
- 6) Please submit a copy of the tank disposal manifest.

Response to all the items mentioned above must be provided to this office **no later than January 18, 1994.**

An underground storage tank unauthorized leak report (ULR) has not been submitted to this office. Enclosed is a blank copy of the ULR which must be completed and submitted to this office **within five working days upon receipt of this letter.**

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified

Mr. Gerald Friedkin
RE: 3810 Broadway St., Oakland, CA 94611
November 18, 1993
Page 3 of 3

- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals 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.

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiett, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division - files

9/30/93

STIP 435

Express auto clinic

3810 Broadway, Oakland CA 94611

on site: verify that Rose Atwood no longer
operates the business - new business
owner David

Change data base -
sent new NORL -

W

LOP - CHANGE RECORD REQUEST FORM

2050 SH
 printed:
 09/29/93

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

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 435
 SITE NAME: Express Auto Clinic DATE REPORTED : 05/15/91
 ADDRESS : 3810 Broadway DATE CONFIRMED: 05/15/91
 CITY/ZIP : Oakland 94611 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: U CONTRACT STATUS: 2 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 03/04/92
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/04/92
 LUFT FIELD MANUAL CONSID: 1HSCAW
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 05/01/91 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Gerald Friedkin
 COMPANY NAME: n/a *Friedkin-Bedder*
 ADDRESS: 300 Grand Avenue
 CITY/STATE: Oakland, Ca 94610

RP#2-CONTACT NAME: Ross Atwood
 COMPANY NAME: Precision Tune
 ADDRESS: 3810 Broadway
 CITY/STATE: Oakland, Ca 94611

INSPECTOR VERIFICATION:

NAME _____	SIGNATURE _____	DATE _____
------------	-----------------	------------

Name/Address Changes Only			DATA ENTRY INPUT:		Case Progress Changes	
ANPNPGMS _____	LOP _____	DATE _____		LOP _____	DATE _____	

Ross Atwood
 Precision Tune
 3810 Broadway
 Oakland, Ca 94611

*Has Ross been dropped
 as a L.P.?*

(408) 473-9569

3810 Broadway

*or 501 23rd St.
 Richmond CA
 94804
 (415) 234-4994*

DATE: 2/21/92
 TO : Local Oversight Program
 FROM: Jeff
 SUBJ: Transfer of Eligible Oversight Case

Site name: PRECISION TUNE

Address: 3810 BROADWAY City OAK Zip 94611

Closure plan attached? Y N Approved DepRef remaining \$ 238.25

DepRef Project # 5028 STID #(if any) ~~435~~ 435

Number of Tanks: 1 removed? Y N Date of removal _____

Leak Report filed? Y N Date of Discovery 5/15/91

Samples received? Y N Contamination: YES

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
 fuel oil waste oil kerosene solvents

Monitoring wells on site 1 Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment soil AND A/D Samples taken

Remedial Action Removed Contaminated Soil AND backfilled w/ clean aggregate

Post Remedial Action Monitoring _____

Enforcement Action _____

A. Second ~~well~~ MW is proposed for the site. see Report 1/92.
 presently working on a Qtry Reporting Basis.
 Sublet Tim: Continue Monitoring Schedule.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

January 21, 1992

Mr. Gerald S. Friedkin, President
Friedkin-Becker
300 Grand Avenue
Oakland, CA 94610

RE: Former Precision Tune, 3810 Broadway, Oakland, CA

Dear Mr. Friedkin:

I have reviewed your Workplan for Monitoring Well Construction and Sampling dated January, 1992 that was prepared by Kaldveer Associates. It is acceptable.

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

Sincerely,


Larry Seto,
Sr. Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorneys's Office
John Sutton, Kaldveer Associates
RWQCB
Charlene Williams, DTSC
Rafat Shahid, Assistant Agency Director, Enviromental Health
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Noted E. P. SO.

JAN 23 1992

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

ALAMEDA COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

JAN 23 1992

QUALITY CONTROL BOARD

January 21, 1992

Mr. Gerald S. Friedkin, President
Friedkin-Becker
300 Grand Avenue
Oakland, CA 94610

RE: Former Precision Tune, 3810 Broadway, Oakland, CA

Dear Mr. Friedkin:

I have reviewed your Workplan for Monitoring Well Construction and Sampling dated January, 1992 that was prepared by Kaldveer Associates. It is acceptable.

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

Sincerely,


Larry Seto,
Sr. Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorneys' Office
John Sutton, Kaldveer Associates
RWQCB
Charlene Williams, DTSC
Rafat Shahid, Assistant Agency Director, Environmental Health Files

01-1205

1911

FB Friedkin-Becker
realty corporation

New case

MxLw = 1700 ppb TPHd.

MxSL = 200 ppm TPHg

GWDP = 31'

STATUS = 3B

Dio = UST.

Date 3B = 10/17/1991.

• 11/18/91 SSER

Noted E. P. SO

NOV 20 1991

November 18, 1991
KE1355-1-1009, 19828

Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland California, 94621

Attention: Mr Ed Howell

Site Name = Friedkin-Becker Property

RE: WASTE OIL TANK REMOVAL AT
3810 BROADWAY
OAKLAND, CALIFORNIA

Precision Time

QUALITY CONTROL BOARD

Dear Mr. Howell:

I purchased the property at 3810 Broadway in Oakland in November, 1987. The property was abandoned but had been an auto tune-up station. Prior to that time, it had been a Texaco filling station. City of Oakland records show that Texaco removed all the fuel tanks on February 27, 1980, however, the waste oil tank was left in place. Following my purchase, my lessee constructed the existing auto tune facility, and the property has been operated as such since that time.

SI-1205

The waste oil tank was removed under permit on May 17, 1991 by SEMCO. Tests taken at the time of soil excavation show that soil was excavated until no contamination was detectable. SEMCO's test report is attached. At the County's request, a monitoring well was installed in the waste oil tank excavation site. My consultant, Kaldveer Associates performed investigations and prepared the attached report of soil and ground water quality.

The Kaldveer report shows that there are no contaminants in the samples of the clay soils taken every five feet down to ground water. Ground water is at a depth of 31 feet. A sample did show very low levels of contamination, however, the consultant's report indicates it is likely from a nearby site.

I request your review of the attached report prepared by Kaldveer Associates and your concurrence with their recommendation that the case be closed. Please provide me with your decision or any comments you may have at your earliest convenience. Since my tenant has plans to repave the site in the first week in December, I would like to remove the well during November.

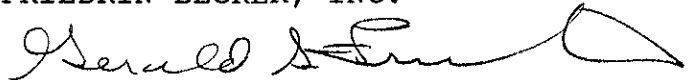
Friedkin-Becker

a realty corporation

Please call John Sutton P.E. of Kaldveer Associates at (510) 568-4001 should this schedule not meet with your agreement, or should you have questions.

Very truly yours,

FRIEDKIN-BECKER, INC.



Gerald S. Friedkin
President

GSF:pv

Copies: Addressee (1) with report
Regional Water Quality Control Board (1)
with report
Attention: Mr. Richard Hiatt
Kaldveer Associates, Inc. (1)
Attention: Mr. John Sutton

Attachments

FB Friedkin-Becker
realty corporation

November 18, 1991
KE1355-1-1009, 19828

91 NOV 19 AM 10:42

Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland California, 94621

Attention: Mr Ed Howell

RE: WASTE OIL TANK REMOVAL AT
3810 BROADWAY
OAKLAND, CALIFORNIA

Precision Tune

Dear Mr. Howell:

I purchased the property at 3810 Broadway in Oakland in November, 1987. The property was abandoned but had been an auto tune-up station. Prior to that time, it had been a Texaco filling station. City of Oakland records show that Texaco removed all the fuel tanks on February 27, 1980, however, the waste oil tank was left in place. Following my purchase, my lessee constructed the existing auto tune facility, and the property has been operated as such since that time.

The waste oil tank was removed under permit on May 17, 1991 by SEMCO. Tests taken at the time of soil excavation show that soil was excavated until no contamination was detectable. SEMCO's test report is attached. At the County's request, a monitoring well was installed in the waste oil tank excavation site. My consultant, Kaldveer Associates performed investigations and prepared the attached report of soil and ground water quality.

The Kaldveer report shows that there are no contaminants in the samples of the clay soils taken every five feet down to ground water. Ground water is at a depth of 31 feet. A sample did show very low levels of contamination, however, the consultant's report indicates it is likely from a nearby site.

I request your review of the attached report prepared by Kaldveer Associates and your concurrence with their recommendation that the case be closed. Please provide me with your decision or any comments you may have at your earliest convenience. Since my tenant has plans to repave the site in the first week in December, I would like to remove the well during November.

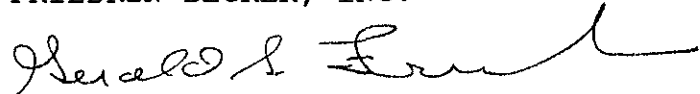
Friedkin-Becker

a realty corporation

Please call John Sutton P.E. of Kaldveer Associates at (510) 568-4001 should this schedule not meet with your agreement, or should you have questions.

Very truly yours,

FRIEDKIN-BECKER, INC.

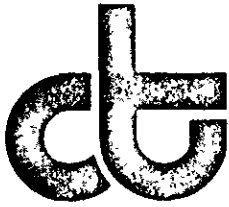


Gerald S. Friedkin
President

GSF:pv

Copies: Addressee (1) with report
Regional Water Quality Control Board (1)
with report
Attention: Mr. Richard Hiett
Kaldveer Associates, Inc. (1)
Attention: Mr. John Sutton

Attachments



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

INVOICE

Number 104785

Date 07/31/91

P.O. No.

FOR PROFESSIONAL SERVICES

Atwood Enterprises
3810 Broadway
Oakland, CA 94611

ATTN: Ross Atwood

DEPT	DESCRIPTION	#	PRICE	PREMIUM - % -	EXTENDED
1- 4507	CA Title 26 Metals	1	\$200.00	100	\$400.00

JOB #: STANDARD /
LOGIN: 104632

TOTAL: \$400.00

Distribution
White Original and Green Copy to Client
Yellow Copy to C&T Accounting
Pink Copy to C&T File

2149
 RUCK LINE, INC.
 23422 CLAWITER ROAD • HAYWARD, CALIFORNIA 94545 • (415) 783-2881
 DRIVER NO. 39 TRUCK NO. 200 T. NO. 201 NO. CU. YDS. _____ DATE 8-03-91

UNDERSLYING CARRIER: _____ DISTANCE RATE - NOTICE NO. & DATE: _____
 RECEIVED FROM (CONSIGNOR): PRECISION TUNING DELIVERED TO (CONSIGNEE): PORT COSTA MATRONS
 ADDRESS: 3810 BROADWAY ADDRESS: _____
OAKLAND, CA CITY: PORT COSTA, CA
 NAME AND ADDRESS OF DEBTOR: _____ JOB NO.: _____
 OTHER THAN CONSIGNOR: _____

FOR USE WITH DISTANCE OR ZONE RATES		DISTANCE RATES ONLY	
PRODUCTION AREA LETTER	PRECISE POINT OF ORIGIN	DISTANCE IN MILES	

OVER 56 FEET BETWEEN FIRST AND LAST AXLE TOTAL TONS: _____
 COMMODITY TRANSPORTED: OFF HAUL TYPE OF LOADING AT ORIGIN: POWER HAND OTHER
 LOCATION AT WHICH DRIVER REPORTED FOR WORK: _____
 A STARTING TIME OF LAST TRIP _____ B STARTING TIME OF UNLOADING OF LAST TRIP _____ C OVERALL TIME (FROM THE REPORTING FOR WORK TO START OF LAST TRIP PLUS DOUBLE RUNNING TIME OF LAST TRIP PLUS UNLOADING TIME OF LAST LOAD) _____ D DEDUCTIBLE TIME FOR MEALS OR FAILURE OF CARRIER EQUIPMENT _____
 E ELAPSED TIME OF THE RUNNING TIME OF LAST TRIP _____ F ELAPSED TIME OF THE UNLOADING TIME OF LAST TRIP _____

REMARKS: _____
 TERMS: DEBTOR AGREES TO PAY ANY LEGAL FEES, COURT COSTS OR COLLECTION OF DELINQUENT ACCOUNTS. LEGAL RATE OF INTEREST WILL BE CHARGED FOR ALL PAST DUE ACCOUNTS. TITLE TO MATERIAL PASSES TO CONSIGNEE UPON RECEIPT BY CONSIGNOR. O.B. PLANT TRANSPORTATION CHARGES IN ACCORDANCE WITH UIC REGULATIONS.
 RECEIVED IN GOOD ORDER BY AUTHORIZED REPRESENTATIVE: R. Alwood
 DRIVER'S SIGNATURE: [Signature]

BEDFORD'S BACKHOE SERVICE
 2274 West 136th Ave. • San Leandro, CA 94577
 (415) 357-4570

SERVICE ORDER NO. _____
 Date 8-9 1991
 Name PRECISION TUNING
 Address 3810 BROADWAY, OAKLAND

OPERATED BY:		OWNER:	
HOURS	DESCRIPTION	DATE	
4	BKH LOAD TRUCK	8	9
2			
3	PAID IN FULL \$28000		
4	CK# 2029		
5			
6			
7			
8			
9			
10			
11			
12			

Customer's Order No. _____ Rec'd By: R. Alwood

**SUBJECT TO TERMS ON REVERSE SIDE
 KEEP THIS SLIP FOR REFERENCE**

BKH Hse

Ross Atwood
PRECISION Tune
3810 Broadway, Oakland CA
Telephone # 654-7803

From Susan King
Company Port Costa Materials, Inc.
Location Dept. Charge
Fax # 415/787-1726 Telephone # 415/602-1243
Original Disposition: Destroy Return Call: up

Please sign and return copy of agreement by FAX so that we can accept delivery. Original will be sent by mail.

Thank you.

REMEDIATION AGREEMENT

Lot # 000184

THIS AGREEMENT is between PORT COSTA MATERIALS, INC. ("PCM") and Precision Tune ("Supplier").

1. Under the terms of this Agreement, Supplier will deliver to PCM and PCM will accept from Supplier during the term of this Agreement approximately 25+ tons of petroleum hydrocarbon contaminated soil ("Soil") suitable for use in PCM's production process at its Port Costa, California Plant, to recycle the original Soil into inert materials which can be used as an environmentally safe product in the construction industry ("Material").

2. Soil meeting the requirements of this Agreement shall be delivered to PCM on or about August 9, 19 91.

3. Prior to delivery of the Soil, Supplier will furnish PCM with the completed PCM Application Form together with all information and samples required therein. This shall include a State certified independent laboratory analysis of the Soil to be remediated indicating the petroleum hydrocarbon level and type, heavy metals contamination and hazardous or toxic waste contamination, hazardous or toxic waste contamination concentrations, and generator certification that no hazardous materials are present above the limits in Title 22 of the California Administrative Code. PCM shall advise Supplier if its tests do not conform to the certified laboratory analysis provided by Supplier or indicate that any Soil sampled does not appear to be suitable for PCM's production process. PCM may also test and sample Soil following delivery, and may reject and require that Supplier remove, at Supplier's cost, any Soil sampled which is determined not to be suitable for production of inert Materials in PCM's production process.

4. The Supplier agrees to deliver the Soil to PCM conforming to: (1) the Representative Samples, (2) the Application Information and (3) the Laboratory Analysis. Furthermore, the Soil should be in such condition that without additional preparation it can be used in PCM's current equipment and production process to produce inert Materials. If additional preparation is required, PCM shall notify Supplier, and the Supplier may either remove the Soil and do the additional preparation at the point of origin, or request PCM to handle the additional preparation on site, with any and all costs thereof to be paid directly by the Supplier in addition to the basic recycling fee in Clause 6. The term "additional preparation" means the physical removal of deleterious items such as metal, wood chunks, plastic, etc., and any foreign items which would be harmful to the recycling process, for the production of Materials as defined herein. If this additional preparation is done by PCM the Supplier shall be responsible for the prompt removal and disposal of the deleterious or foreign items removed. The Supplier shall be responsible for the prompt removal and disposal of non-conforming soil for which it does not elect to have PCM perform additional preparation.

5. The Soil shall be delivered to PCM's Port Costa, California plant property on a pre-arranged schedule, to a place, and in a manner mutually agreed upon by the parties. Without PCM's prior acceptance, Supplier shall not deliver Soil.

6. Supplier shall pay to PCM, in addition to any costs of additional preparation which may be required, a fee of \$ 55.00 per ton for each ton of Soil delivered to and accepted by PCM for recycling in the production process pursuant to this Agreement.

7. The Soil shall be weighed either on scale at point of delivery or on a scale enroute, as designated by PCM. If weighed enroute, the costs of weighing shall be borne by the Supplier and shall be evidenced by a weigh ticket from certified scale.

PCM

8. Supplier shall be responsible for the Soil and it shall remain the property and responsibility of the Supplier, until delivery to the agreed site on PCM's property and acceptance by PCM as suitable and ready for use in the production process as required in this Agreement. Acceptance or testing by PCM shall not change Supplier's obligation to deliver Soil complying with this Agreement nor change Supplier's responsibilities for non-conforming Soil.

9. All handling, reprocessing and additional preparation of the Soil, whether by Supplier or by PCM and all other actions taken by Supplier and PCM as provided in this Agreement, shall be in compliance with all applicable Federal, State, County and Local requirements and regulations.

10. Payment terms under this Agreement will be Net 30 Days

11. Supplier shall protect and hold PCM harmless from Suppliers' breach of its representations and agreements in this Agreement, in the Application and accompanying information and in the laboratory analysis; and PCM shall protect and hold Supplier harmless from PCM's breach of its representations and agreements in this Agreement.

12. Any notice under this Agreement shall be in writing and delivered to the parties at their respective addresses given below.

13. When fully executed, this Agreement together with the completed Application supersedes any and all other agreements and understandings between the parties, and may be modified or rights waived only in writing. California law shall apply. Except with the written consent of the other, neither party may assign or delegate any rights or duties under this Agreement.

Signed and dated Aug 7, 19 91, with Lot Number: 000184

Abz Precision Tune, Atwood Enterprises, Inc

Address: 3810 Broadway

Oakland, CA 91611

By: Ron Atwood

Its: President

PORT COSTA MATERIALS, INC.

9000 Carquinez Scenic Drive

P.O. Box 223

Port Costa, CA 94569-0223

By: G.W. Ogle

Its: V.P. Oper.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 26, 1991

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

Mr. Gerald S. Friedkin, President
Friedkin -Becker
300 Grand Avenue
Oakland, CA 94610

RE: Former Precision Tune, 3810 Broadway , Oakland, CA

Dear Mr. Friedkin:

I received your letter dated November 18, 1991, and the Limited Soil and Groundwater Quality Investigation Report dated November 15, 1991 that was prepared by Kaldveer Associates. This report, as identified by its title contains only a **limited soil and groundwater quality investigation in the area of the former waste oil tank**. A more thorough investigation is needed to determine the lateral and vertical extent of contamination, and to verify that the contamination is coming from off-site. All work must be done in accordance to the Tri-Regional Board Recommendations For Preliminary Evaluation and Investigation of Underground Tank Sites, dated 10 August 1990.

This office does not concur with the recommendations of your consultant that the on-site monitoring well be abandoned, and this case file closed. The on-site monitoring well in the area of the former waste oil tank must be monitored on a Quarterly basis for a minimum of one year. The samples must be tested for all of the contaminants that have been identified. Additional monitoring wells maybe required to define the extent of contamination.

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

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office
Consumer and Environmental Protection
John Sutton, Kaldveer Associates
RWQCB
Charlene Williams, DTSC
Rafat Shahid, Assistant Agency Director, Environmental Health

Aug 20, 1991

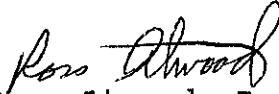
County of Alameda
P.O. Box 28924
Oakland, CA 94604

Dear Sirs,

The assets of Atwood Enterprises, Inc., dba Precision Tune, have been sold through a bulk sale. The entire proceeds have gone toward partially paying federal payroll taxes owed. The corporation is being dissolved and is no longer in business. There remains secured debt in excess of \$175,000.

There are no funds available to pay the debt to your firm.

Sincerely,


Ross Atwood, President
Atwood Enterprises, Inc.
~~dba Precision Tune~~
3810 Broadway
Oakland, CA 94611

STATEMENT

REMITTANCE ADVICE

TO INSURE PROPER CREDIT, PLEASE
RETURN THIS PORTION WITH YOUR
PAYMENT

CHECK THOSE ITEMS IN THE "✓"
COLUMN BEING PAID.

PRECISION TUNE

STATEMENT DUE

07/31/91

ACCOUNT NO.

H31224

REFERENCE	CODE	AMOUNT	✓
0000658	I	159.00	
0011329	I	12.72	
0011715	I	12.72	
TOTAL		184.44	

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
StID : 435
SITE NAME: Express Auto Clinic DATE REPORTED : 05/15/91
ADDRESS : 3810 Broadway DATE CONFIRMED: 05/15/91
CITY/ZIP : Oakland 94611 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: U CONTRACT STATUS: 2 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 03/04/92
PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/04/92
LUFT FIELD MANUAL CONSID: 1,HSCAW
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : 05/01/91 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Gerald Friedkin
COMPANY NAME:
ADDRESS: 300 Grand Avenue
CITY/STATE: Oakland, Ca 94610

RP#2-CONTACT NAME: Ross Atwood
COMPANY NAME: Precision Tune
ADDRESS: 3810 Broadway
CITY/STATE: Oakland, Ca 94611

Project Specialist (print) Larry Seto

5/2/91
Please note additions
on plans #15.

Larry
ACCEPTED
DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

**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**

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 accepted 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 and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the 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.

UNDERGROUND TANK CLOSURE PLAN

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

1. Business Name Precision Tune
Business Owner Ross Atwood
 2. Site Address 3810 Broadway
City Oakland Zip 94611 Phone 654-7803
 3. Mailing Address 3810 Broadway
City Oakland Zip 94611 Phone 654-7803
 4. Land Owner Ross Atwood Gerald Friedman
300 Grand Ave
Address 3810 Broadway City, State Oakland CA Zip 94611
 5. Generator name under which tank will be manifested Precision Tune / Ross Atwood
- EPA I.D. No. under which tank will be manifested CAC000587368

6. Contractor SEMCO
Address 1741 Leslie Street
City San Mateo 94402 Phone 572-8033
License Type A,B,C61/D-40 ID# 449864

7. Consultant N/A
Address _____
City _____ Phone _____

8. Contact Person for Investigation
Name Chuck Kiper Title Vice-President
Phone 572-8033

9. Number of tanks being closed under this plan 1
Length of piping being removed under this plan _____
Total number of tanks at facility 1

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

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name Allied Petroleum EPA I.D. No. CAD98065675128
Hauler License No. 1168 License Exp. Date 4/31/92
Address P.O. Box 193
City Dulmar State CA Zip 95327

b) Product/Residual Sludge/Rinsate Disposal Site

Name Ramos Environmental EPA I.D. No. CAD04003556
Address 1515 So. River
City West Sacramento State CA Zip _____

c) Tank and Piping Transporter

Name Erickson EPA I.D. No. CAD009466392
Hauler License No. 019 License Exp. Date 5/31/92
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

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

11. Experienced Sample Collector

Name Chuck Kiper
Company Jemco
Address 1741 Goske Street
City San Mateo State CA Zip _____ Phone _____

12. Laboratory

Name Superior Analytical
Address 1555 Burke, Unit I
City San Francisco State CA Zip 94124
State Certification No. #1332 & 319

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

*High pressure hot water detergent wash;
20 lbs per 1000 gallons dry ice;
final purge with air*

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
500	Waste Oil	Soil/Water	2 feet below free end of tank A-1 Soil/backfill interface into 2' of native soil

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 3-4 (Apx) Cubic yards	Sampling Plan <i>Soil sample will be collected, placed in brass tubes, sealed with foil & teflon caps & sealed w/ approved tape, placed on ice, transported to state certified lab under chain of custody & analyzed for constituents of concern</i> <i>4 samples will be composited in to one for testing.</i>

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Waste Oil or Unknown	TPH G GCFID(5030) TPH D GCFID(3550) O & G 5520 D & E BTX&E 8240 and CL HC 8240 If any of the above are detected, include: ICAP or AA to detect metals: Cd, Cr, Pb, Zn Method 8270 for soil or water to detect: PCB PCP PNA Creosote	TPH G GCFID(5030) TPH D GCFID(3510) O & G 5520 A & E BTX&E 624 and CL HC 624	

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer Fairmont

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

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

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 health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

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

Signature of Contractor

Name (please type) CHUCK KIPER

Signature Chuck Kiper

Date 5/2/91

Signature of Site Owner or Operator

Name (please type) ROSS ATWOOD

Signature Ross Atwood

Date 4/3/91

INSTRUCTIONS

General Instructions

- * Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

Item Specific Instructions

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

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

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

17. SITE HEALTH AND SAFETY PLAN

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

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

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

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

19. PLOT PLAN

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

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

20. DEPOSIT

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

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

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

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

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS

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

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

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

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

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

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

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

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

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

10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.

11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

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

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

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

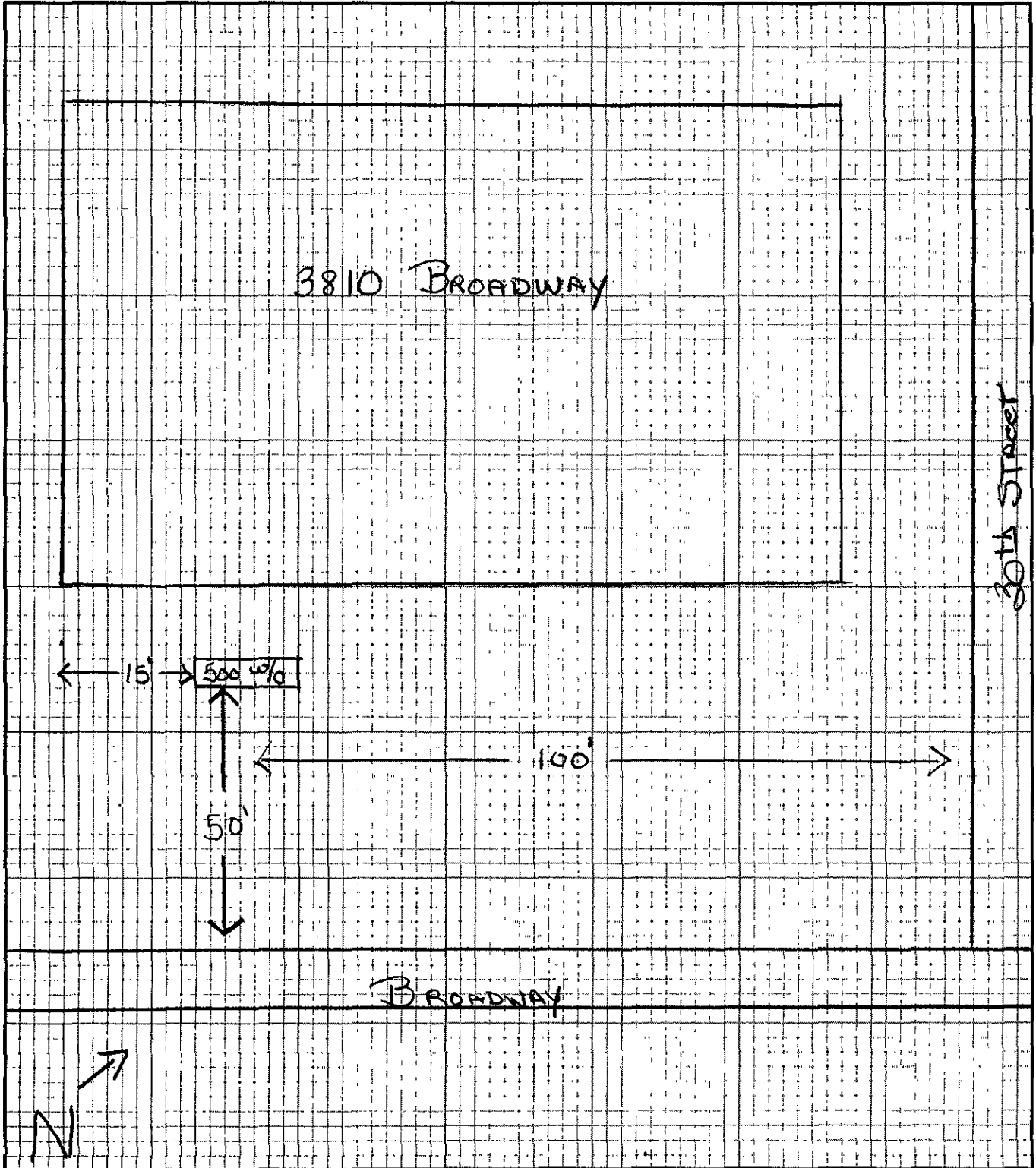
SEMCO
Oil Heating Engineering Division
1806 Leslie Street
San Mateo, Calif. 94402
(415) 572-8033

License No. 449864
A, B, & C-61

SEMCO
General & Engineering Contractors
431 W. Hatch Rd.
Modesto, Calif. 95351
(209) 524-9653

SITE PLAN

SUBMITTED TO:	DESCRIPTION OF JOB:	
<i>Alameda County</i>	Job <i>Precision Tune</i>	
	Address <i>3810 Broadway</i>	
<i>Oakland Ave</i>	City <i>Oakland</i>	State <i>CA</i>
	Phone <i>654-7803</i>	Date <i>5/2/91</i>



CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

9/25/90

PRODUCER

R. L. Stewart Ins. Agency
P.O. Box 1515
Oakdale, Ca. 95361

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A	American Star Ins. Co.
COMPANY LETTER	B	Fairmont Ins. Co.
COMPANY LETTER	C	
COMPANY LETTER	D	
COMPANY LETTER	E	

INSURED

Semco
431 W. Hatch Rd.
Modesto, Ca. 95351

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE 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. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

OR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY				GENERAL AGGREGATE \$ 1,000,000
A X	COMMERCIAL GENERAL LIABILITY CLAIMS MADE, X OCCUR. OWNER'S & CONTRACTOR'S PROT.	AMS1-509826	10/1/90	10/1/91	PRODUCTS-COMP/OP AGG. \$ 1,000,000 PERSONAL & ADV. INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 50,000 MED. EXPENSE (Any one person) \$ 5,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT \$
	ANY AUTO				
	ALL OWNED AUTOS				BODILY INJURY (Per person) \$
	SCHEDULED AUTOS				
	HIRED AUTOS				BODILY INJURY (Per accident) \$
	NON-OWNED AUTOS				
	GARAGE LIABILITY				PROPERTY DAMAGE \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	UMBRELLA FORM				AGGREGATE \$
	OTHER THAN UMBRELLA FORM				
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	80480741	9/5/90	9/5/91	STATUTORY LIMITS EACH ACCIDENT \$ 1,000,000 DISEASE—POLICY LIMIT \$ 1,000,000 DISEASE—EACH EMPLOYEE \$ 1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

All California Operations

CERTIFICATE HOLDER

COUNTY OF ALAMEDA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Rosa Milani

SEMCO

HEALTH & SAFETY

PLAN

HEALTH MONITORING AND SAFETY PROGRAM

To assure the health and safety of employees involved in hazardous waste operations, Semco Inc. has developed and implemented a Health and Safety Program.

This plan is based on Standard Operating Safety Guides (USEPA) and The Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH/OSHA/USGC/EPA).

Semco inc. employees must receive health and safety training prior to commencing work at sites where hazardous materials may be present and will be provided with periodic follow-up training as appropriate. Health and Safety training will include;

- * Health Monitoring Program
- * Review of General Chemical & Mechanical Dangers
- * Emergency Response
- * Decontamination
- * Documentation and Record Keeping
- * Updating of Health and Safety Plan
- * Reference Guides for Hazardous Materials

When appropriate, a site-specific safety plan will be implemented and will include the following:

- * Site history
- * Inventory of known chemicals (updated as possible)
- * Project organization
- * Work Plan review
- * Project documentation
- * Review of site safety rules (site safety rules will be updated as new information is available or after an accident of implementation of contingency plan)
- * Review of decontamination procedures
- * Proper use and care of personal protective equipment
- * Proper calibration and use of monitoring equipment
- * Emergency response procedures

1.0 HEALTH MONITORING PROGRAM

All drilling personnel and field staff must be enrolled in the Semco Inc. Health Monitoring Program, developed in conjunction with Industrial Medical Clinics of Anaheim, CA. This program consists of an initial medical examination to establish the employee's general health profile and provides important baseline laboratory data for comparative study. The scope of the initial comprehensive physical examination and laboratory testing routine is detailed in Table 1-0. Follow-up examinations are completed for all personnel enrolled in the health monitoring program on a semi annual basis, or more frequently if project assignments warrant testing following specific field activities. The level of potential exposure that Semco personnel are subjected to in carrying out hazardous waste work assignments are recorded by the individual and reviewed weekly by the site supervisor. The California Poison Control Center maintains a comprehensive reference library containing the current information concerning the carcinogenic, mutagenic, teratogenic and toxic characteristics of hazardous wastes.

1.1 REVIEW OF EXPOSURE SYMPTOMS

Symptoms of exposure to hazardous materials for each site will be reviewed in order to indicate to personnel the recognized signs of possible exposure to those materials. This information will be supplemented with a discussion of the need for objecting in the personal health assessment to account for normal reaction to stressful situations. The Site Safety Officer (the lead driller) will be watchful for outward evidence of changes in worker health. These outward symptoms may include skin irritations, skin discoloration, eye irritability, reduced libido, intolerance to heat or cold, or loss of appetite. Employees will routinely be asked to assess their general state of health during individual projects. At the end of each week, employees will briefly describe minor injuries and chemical experience (exposure potential at each job site). This description will be turned in with time records, reviewed by the corporate safety officer and filed in the employees medical file.

TABLE 1-0

HEALTH MONITORING PROGRAM INITIAL EXAMINATION

Physical Examination

- * medical history survey
- * medical examination
- * vision; near and distance vision, color vision
- * hearing; audiometry
- * radiologic: PA:LAT
- * electrocardiogram: 12 lead
- * spirometry

Lab Studies

- | | | |
|----------------------|-------------------|--------------------|
| * hematology | * blood chemistry | |
| - red blood count | - SMA 17 | - urinalysis |
| - white blood count | - electrolytes | - Papanicolaou |
| - hemoglobin | - creatinine | - cholinesterase |
| - hematocrit | - SGPT | level |
| - platelet | - carbon dioxide | - thyroid function |
| - indices | - cholesterol | test T3/T4 |
| - sedimentation rate | - serum iron | |

2.0 REVIEW OF GENERAL CHEMICAL AND MECHANICAL DANGER

A set of standard onsite safety practices will be enforced during site activities to reduce the risks associated with handling contaminated materials and dangers inherent with working near heavy machinery. These safety practices are divided into three categories: personal precautions, rig safety and general procedures and operations.

2.1 PERSONAL PRECAUTIONS

- 2.1.1 Any practice which increases the probability of hand-to-mouth transfer and ingestion of contaminated material will be prohibited in any area designated contaminated. Prohibited activities include eating, drinking, chewing gum or tobacco and smoking.
- 2.1.2 Hands and face will be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- 2.1.3 Any excess facial hair which interferes with proper fit of the mask to face seal will be prohibited on personnel required to wear respirator protection. (while respirators are not typically required, work will be prepared to upgrade to Level "C" protection requiring the use of respirators.)
- 2.1.4 Unnecessary contact with contaminated or suspected contaminated surfaces will be avoided. Workers will be instructed to avoid walking through puddles, mud, or other discolored surfaces: kneeling on the ground; and leaning, sitting, or placing equipment on drums, containers, vehicles or the ground.
- 2.1.5 Medicine and alcohol can increase adverse effect from exposure to toxic chemicals. Therefore, prescribed medication will not be taken by personnel during field activities. Also, alcoholic beverage intake will not be tolerated immediately before or during field work.
- 2.1.6 The effects of heat stress in all personnel will be monitored by the Health and Safety Officer. Appropriate measures will be taken to remove any potential victim of heat stress from the work area, provide cooling to the body and provide plenty of liquids to replace body fluids.

2.2 RIG SAFETY

Semco, Inc. has incorporated the National Drilling Federation's (NDF/DCDMA/NDCA) "Drilling Safety Guide" as our mechanical hazards and rig safety guide. This booklet is required reading for all field personnel.

2.3 GENERAL PROCEDURES AND OPERATIONS

2.3.1 Entrance and exit to the site will be planned and emergency escape routes will be determined. Before drilling begins a working phone will be located and the most expeditious route to a hospital established. Site Specific Hazards will be discussed and the clients safety requirements will be adopted. Personnel will practice any unfamiliar procedures prior to performing them in the field. The number of personnel and pieces of equipment in the work area will be minimized to the extent that it compromises the effectiveness of site operations. Procedures for leaving a contaminated work area will be established prior to going onsite. Work areas and decontamination procedures will be established based on site conditions.

2.3.2 LEVELS OF PROTECTION

The level of personnel protective equipment required shall be determined by the type and levels of waste or spill material present at the site where project personnel may be exposed. In situations where the types of waste or spill material on-site are unknown or the hazards are not clearly established or the situation changes during onsite activities, the Site Safety Officer must make a reasonable determination of the level of protection that will assure the safety of drilling personnel until the potential hazards have been determined precisely through monitoring, sampling, informational assessment, or other reliable methods. Once the hazards have been determined, protective levels commensurate with the hazards shall be employed. Protection levels will be continuously evaluated to reflect any new information acquired.

The levels of protection utilized by SEMCO INC. are presented below:

Level A - Level A protection must be selected when the Site Safety Officer makes a reasonable determination that the highest available level of both respiratory and skin and eye contact protection is needed. It should be noted that while Level A provides maximum available protection, it does not protect against all possible hazards. Consideration of the heat stress that can arise from wearing Level A protection should also enter into the subtask leaders decision. (Comfort is not a decision factor, but heat stress will influence work rate, scheduling, and other work practices.)

Level B - The Site Safety Officer must select Level B protection when the highest level of respiratory protection is needed, but hazardous material exposure to the few unprotected areas of the body (i.e. the back of the neck) is unlikely.

Level C - The Site Safety Officer may select Level C when the required level of respiratory protection is known, or reasonably assumed to be, not greater than the level of protection afforded by full face air purifying respirators; and hazardous materials exposure to the few unprotected areas of the body. Level C requires carrying an emergency escape respirator.

Level D - Level D is the basic work uniform. Investigators and response personnel must not be permitted to work in civilian clothes. An emergency escape respirator may be required

Respiratory protection criteria and suitable protection gear are summarized in Table 2-1. Fit testing of safety equipment will be an important part of establishing adequate respiratory and dermal protection. Fit testing will be accomplished prior to site explorations and each individual will be assigned a fitted respirator for the duration of the project. These will be tagged for identification.

It should be recognized that most situations require a different combination of respiratory and dermal protective gear, e.g., where no splash protection is required but a high respiratory hazard is present. The site Safety Officer may elect a modification of the above.

TABLE 2-1
 PROTECTIVE GEAR
 (AIR QUALITY LEVELS IN PPM)

	Level D	Level C	Level B	Level A
Air Quality Above Background	0	0-5	5-500	500-1000
Respirator Type*	Escape	Full Face + Escape	SCBA	SCBA
Clothing				
o Boots	*	*	*	*
o Safety glasses or equivalent	*	*	*	
o Hard hat	*	*	*	
o Gloves, inner and outer	*	*	*	*
o Booties		*	*	*
o Coveralls	*	*	*	
o Chemical protective coveralls		*	*	
o Totally encapsulated suit				*

* Use of a respirator is allowed only where identification or organic vapor constituents has occurred and appropriate respirator cartridges have been obtained.

3.0 EMERGENCY RESPONSE

3.1 ON-SITE FIRST AID

All of Semco, Inc.'s Drill Rigs will be equipped with the following items at all times:

- an industrial first aid kit
- 2 ELSA 10 minute supplied Air Escape Mask
- 3 Half Mask respirators
- 3 Full Face respirators
- 10 pair Cartridges TC-21C-287 (organic vapors)
- 10 pair Cartridges TC-23C-450 (organic vapors, acid gases)
- 3 hard hats
- 5 safety glasses
- 30 pair disposable gloves
- 10 pair butyl rubber gloves
- 10 chem resist coveralls (coated Tyvek)
- 3 pair rubber boots with steel toes
- 2 fire extinguishers (co 2)
- 1 eye wash station (portable)

3.1.1 At least one person qualified to perform first aid will be present onsite at all times during work activity. This person will have earned a certificate in first aid training from the American Red Cross or will have received equivalent training.

3.1.2 Transportation to Emergency Treatment

A vehicle will be available at all times for use in transporting personnel to the hospital. Hospital routes shall be discussed prior to onsite activity.

3.1.3 Contingency Planning

Prior to commencement of onsite activities, field personnel will review safety considerations with the Site Safety Officer. The Site safety Officer is responsible for adherence to the designated safety precautions and for adherence to the designated safety precautions and assumes the role of SEMCO, INC'S on site coordinator with the client in an emergency response situation.

3.2 POTENTIAL HAZARDS

The potential hazards associated with hazardous waste site investigation included 1) accidents; 2) contact, inhalation or ingestion of hazardous materials; 3) explosion; and 4) fire.

3.2.1 Accidents

Accidents must be handled on a case by case basis. Minor cuts, bruises, muscle pulls, etc., will still allow the injured person to undergo reasonable normal decontamination procedures prior to receiving direct first aid. More serious injuries may not permit complete decontamination procedures to be undertaken, particularly if the nature of the injury is such that the victim should not be moved. The nature and degree of surface contamination at a site is generally low enough that emergency vehicles could reach the victim on site without undue hazard.

3.2.2 Contact and/or Ingestion of Hazardous Materials

Properly prescribed and maintained protective clothing and adherence to established safety procedures are designed to minimize these hazards. However, it is still a possibility that contact or ingestion of materials may occur. One possibility for contamination is the puncture of a buried drum of liquid during drilling operations which might cause the random distribution of the drum contents. Standard first aid procedures should be followed. The drilling rig will have a tank of water which may be useful in some circumstances, particularly to flush off any exposed skin areas. Eye wash bottles will also be maintained at the site in case of emergencies. In cases of ingestion or other than minor contact with known substances, the Poison Control Center and local hospital should be contacted and the victim brought there immediately for further treatment and observation.

3.2.3 Explosion

The drilling crew should be keenly aware of combustible gas meter readings and withdraw at an indication of imminently hazardous conditions. The detection of such conditions shall be reported to local agencies for potential execution of the evacuation plan should the situation be assessed as warranting such response.

3.2.4 Fire

The combustible gas meter will also warn of imminent fire hazards at borings. The greatest fire hazard at the site should be recognized as handling the methanol used for decontamination. No smoking or open flames are allowed in this area. Carbon Dioxide fire extinguishers will be kept at the drilling rig, and the decontamination area/field office. The Fire Department, previously informed of site activities, will be called as needed.

3.3 EVACUATION RESPONSE LEVELS

Evacuation responses will occur at three levels: (1) withdraw from immediate work area (100+ feet upwind); (2) site evacuation; (3) evacuation of surrounding area. Anticipated conditions which might require these responses are described below:

Withdrawal up-Wind (100 or more feet)

- o Sensing ambient air conditions as containing greater contaminant concentrations than guidelines allow for the type of respiratory protection being worn. The work party may return upon donning greater respiratory protection and/or assessing the situation as transient or past.
- o Breach in protective clothing or minor accident. The party may return when tear or other malfunction is repaired and first aid or decontamination has been administered.

3.5.1 Site Evacuation:

Upon determination of conditions warranting site evacuation, the work party will proceed upwind of the borehole and notify the security force, Site Safety Officer and the field office of site conditions. If the decontamination area is upwind and greater than 500 feet from the borehole, the crew will pass quickly through decontamination to remove contaminated outer suits. If the hazard is toxic gas, respirators will be retained. The crew will proceed to the field office to assess the situation. There the respirators may be removed (if the PI meter indicates an acceptable condition). As more facts are determined from the field crew, these will be relayed to the appropriate agencies.

3.5.2 Evacuation of Surrounding Area

When the Site Manager determines that conditions warrant evacuation of downwind residences and commercial operations, the local agencies will be notified and assistance requested. Designated onsite personnel will initiate evacuation of the immediate off site area without delay.

3.6 TRAINING

The attached matrix (Figure 3-1) indicated training received by on site personnel. All personnel should become familiar with this matrix to minimize response times.

4.0 DECONTAMINATION

4.1 PERSONNEL DECONTAMINATION PROCEDURE

A decontamination procedure will be carried out by all personnel leaving hazardous waste sites. Under no circumstances (except emergency evacuation) will personnel be allowed to leave the site prior to decontamination. Procedures for removal of protective clothing are as follows:

- o Drop tools, monitors, samples and trash at designated drop stations. These will be plastic containers or drop sheets.
- o Step into designated shuffle pit area and scuff feet to remove gross amounts of dirt from outer boots. If necessary, wash boots down with clear water in designated wash pit area.
- o Remove tape from boots and remove boots. Discard in drum container.
- o Remove outer gloves and place in container.
- o Remove hard hat and respirator and hang in the designated area.
- o Remove coveralls and discard in container.
- o Remove inner gloves and discard in container.
- o If the site required utilization of a decontamination trailer, all personnel would also shower before leaving the site at the end of the work day.

Note: Disposable items (coverall, inner gloves, and overboots) will be changed on a daily basis unless there is reason for changing sooner. Dual respirator canisters will be changed weekly unless more frequent changes are deemed appropriate by site surveillance data or personnel assessment.

A water hose and/or designated wash area will be available for wash down and cleaning purposes.

A schematic of a typical decontamination area is shown in Figure 4-1.

4.2 EQUIPMENT DECONTAMINATION

Equipment to be decontaminated during the project may include: (1) drilling rig and tools; (2) sample containers; (3) monitoring equipment; and (4) respirators.

All decontamination will be done by personnel in protective gear appropriate for the level of decontamination, determined by the Site Safety Officer. The decontamination work tasks will be split or rotated among support and work crews. Decontamination procedures within the trailer (if used) should take place only after other personnel have cleared the "hot area", moved to the clean area and the door between the two areas closed.

Miscellaneous tools and samplers will be dropped into a plastic pail, tub or other container. They will be brushed off and rinsed (outside, if possible) and transferred into a second pail to be carried to further decontamination stations. They will be washed with a trisodium phosphate or detergent solution, rinsed with acetone or methanol, rinsed with a trisodium phosphate or detergent solution and finally rinsed with clean water.

4.2.1 Drilling Rig and Tools

It is possible that the drill rigs will be contaminated during test pit/borehole activities. They will be cleaned with high pressure water or portable high pressure steam followed by soap and water wash and rinse. Loose material will be removed by brush.

4.2.2 Sample Containers

Exterior surfaces of sample bottles will be decontaminated prior to packing for transportation to the analytical laboratory. Sample containers will be wiped clean and placed in individual Zip-Loc bags at the sample site. It will be difficult to keep the sample containers completely clean. The samples will be further cleaned if necessary and transferred to a clean carrier and the sample identifies noted and checked off against the chain-of-custody record. The samples, now in a clean carrier, will be stored in a secure area prior to shipment.

4.2.3 Monitoring Equipment

Monitoring equipment will be protected as much as possible from contamination by draping, masking or otherwise covering as much of the instruments as possible with plastic without hindering the operation of the unit. The HNU meter, for example, can be placed in a clear plastic bag which allows reading of the scale and operation of the knobs. The HNU sensor can be partially wrapped, keeping the sensor tip and discharge port clear.

The contaminated equipment will be taken from the drop area and the protective coverings removed and disposed of in the appropriate containers. Any dirt or obvious contamination will be brushed or wiped with a disposable paper wipe and the used wipers discarded. The units will then be taken inside in a clean plastic tub, wiped off with damp disposable wipes and dried. The units will be checked, standardized and recharged as necessary for the next day's operation. They will then be covered with new protective coverings.

4.2.4 Respirators

Respirators will be decontaminated daily. Taken from the drop area, the masks will be disassembled, the cartridges set aside and the rest placed in a cleansing solution. (Parts will be precoded, e.g., #1 on all parts of mask #1). After an appropriate time within the solution, the parts will be removed and rinsed off with tap water. The old cartridges will be marked to indicate length of usage and will be discarded into the contaminated trash container for disposal when considered spent. In the morning the masks will be re-assembled and new cartridges installed if appropriate. Personnel will inspect their own masks to be sure of proper readjustment of straps for proper fit.

5.0 DOCUMENTATION AND RECORD KEEPING

Samples of field activity documentation forms are attached. Minimum documentation consists of:

- o daily field record kept by individuals
- o hazardous site surveillance record kept by Site Safety Officer
- o chain-of-custody records and lab results of samples collected
- o personal hazardous material exposure record

The Site Safety Officer is also responsible for immediate notification of SEMCO Inc's Health and Safety Coordinator in the event of personal injury.

6.0 UPDATING OF HEALTH AND SAFETY PLAN

Each individual involved in field operations is responsible for maintaining weekly safety sheets. If any deficiency is encountered in the Health and Safety Plan, a report will be prepared and forwarded to the Health and Safety Coordinator. The Site Safety Officer will immediately initiate necessary changes to improve protection of field staff.

January 3, 1992

Mr. Jeff Fiedler
Kaldveer & Associates
425 Roland Way
Oakland, CA 94621

3810 Broadway
Oak. 94618

RECEIVED

Dear Mr. Fiedler:

Re: Groundwater Permit Information and Procedures

Thank you for your inquiry regarding discharge of treated groundwater to the EBMUD Wastewater Treatment Plant from a former Texaco station located at 3810 Broadway in Oakland. You report that recently a 1,000 gallon waste oil tank was removed from the site.

Enclosed is the following information on EBMUD groundwater permits and procedures for your evaluation:

- o Groundwater Permit Information.
- o EBMUD Ordinance No. 311.
- o EBMUD Resolution No. 32500.
- o Wastewater Discharge Permit application forms.
- o Standard Provisions and Reporting Requirements, 05/91 revision.
- o Influent and Effluent Toxics Summary 1990.

Transmittal of this information to you does not constitute permission to discharge groundwater to the sanitary sewer.

Should you have any additional questions, please contact me at (510) 287-1630.

Sincerely,



THOMAS C. PAULSON
Industrial Discharger Section Supervisor
Source Control Division

TCP:tcp

Enclosures

cc: Rafat Shahid, Alameda County Health Care Services Agency
Lester Feltman, Regional Water Quality Control Board
BOARD OF DIRECTORS NANCY J. NADEL, KENNETH H. SIMMONS, ANDREW COHEN
JOHN A. COLEMAN, STUART FLASHMAN, JOHN M. GIOIA, KATHERINE MCKENNEY

GROUNDWATER PERMIT INFORMATION

The District regulates discharges of groundwater generated during site remediation. Limits are applied for a specific pollutant based on the average background concentrations observed at the influent of the District's wastewater treatment plant. If the background level for a pollutant is less than 5 ug/l, the District limit is 5 ug/l.

For example, groundwater contaminated by gasoline has revealed significant concentrations of Total Petroleum Hydrocarbons (TPH), Lead, Benzene, Toluene, Ethylbenzene and Xylene. In this case the District will establish limits of:

TPH	No limit, not a specific pollutant;
Lead	2 mg/l (limit found in Ordinance No. 311);
Benzene	5 ug/l (POTW background level 1 ug/l, therefore District limit is 5 ug/l);
Toluene	15 ug/l (POTW background);
Ethylbenzene	5 ug/l (POTW background level 1 ug/l, therefore District limit is 5 ug/l);
Xylene	14 ug/l (POTW background)

Prior to discharging wastewater into the sanitary sewer, the site owner must apply for and receive a Wastewater Discharge Permit. A typical Permit application includes the following information:

- o Site history indicating how the contamination originated and land use of prior tenants;
- o Sample results from the various monitoring wells for heavy metals, EPA 624 and for any other pollutants suspected to have contaminated the site;
- o A plot map indicating the location of the contamination plume;
- o A description of the groundwater treatment facilities;
- o The TU must be equipped for continuous free product removal or adequate fail-safe device to shut off the recovery well when free product is detected at applicable sites;
- o The expected average discharge rate from the treatment unit;
- o The application must be signed by a representative of the company required to remediate the site.

GROUNDWATER PERMIT INFORMATION

EBMUD will require the discharge to be monitored by both the District and the discharger for compliance. The required monitoring frequency reflects the following factors:

- o Concentration of pollutants in the groundwater;
- o Design capacity of treatment unit;
- o Level of preventive maintenance;
- o Frequency of process control samples from the various treatment stages;
- o Consistent compliance with discharge limits;
- o Treatment systems relying on carbon adsorption must collect influent BTEX samples and use that information to continually update the estimated remaining carbon capacity.

The District will charge various fees for providing this service. These fees include:

- o Monitoring charges based on the District's current fee schedule;
- o The treatment charge for CARBON treated effluent effective July 1, 1991 is:
 $(0.273 \text{ \$/Ccf} + 0.00624(15 \text{ mg/l} * 0.103 \text{ \$/lb.} + 2 \text{ mg/l} * 0.172 \text{ \$/lb.}))$
= 0.28 \\$/Ccf;
- o The capacity fee for CARBON treated effluent effective July 1, 1991 is:
 $(43.26 \text{ \$/Ccf/mo} + 0.00624(15 \text{ mg/l} * 7.87 \text{ \$/lb./mo} + 2 \text{ mg/l} * 17.50 \text{ \$/lb./mo}))$
= 44.22 \\$/Ccf/month;
- o A \$2,000 Permit fee must accompany the application;
- o Applications should be submitted to:

EBMUD Mail Slot #702
P. O. Box 24055
Oakland, CA 94623-1055
Attention: Tom Paulson
Phone: (415)287-1630

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Method 624 - cont.							
Volatile Organics							

2-CHLOROETHYLVINYL ETHER	5	ND	ND	0/22	ND	ND	0/22
CHLOROFORM	1	24	34	22/22	36	51	22/22
CHLOROMETHANE	2	20	48	21/22	6	13	19/22
DIBROMOCHLOROMETHANE	1	ND	ND	0/22	2	5	7/22
1,2-DICHLOROENZENE	1	6	19	8/22	3	10	7/22
1,3-DICHLOROENZENE	1	1	1	1/22	ND	ND	0/22
1,4-DICHLOROENZENE	1	6	12	22/22	4	7	22/22
1,1-DICHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
1,2-DICHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
1,1-DICHLOROETHENE	1	ND	ND	0/22	ND	ND	0/22
TRANS-1,2-DICHLOROETHENE	1	ND	ND	0/22	ND	ND	0/22
1,2-DICHLOROPROPANE	1	ND	ND	0/22	ND	ND	0/22
CIS-1,2-DICHLOROPROPENE	1	ND	ND	0/22	ND	ND	0/22
TRANS-1,3-DICHLOROPROPENE	1	ND	ND	0/22	ND	ND	0/22
ETHYL BENZENE	1	1	3	19/22	ND	ND	0/22
METHYLENE CHLORIDE	1	32	330	20/22	17	95	20/22
1,1,2,2-TETRACHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
TETRACHLOROETHENE	1	40	300	21/22	17	110	22/22
TOLUENE	1	12	28	22/22	2	4	21/22
1,1,1-TRICHLOROETHANE	1	12	52	14/22	7	23	10/22
1,1,2-TRICHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
TRICHLOROETHENE	1	4	21	11/22	1	3	7/22
VINYL CHLORIDE	2	ND	ND	0/22	ND	ND	0/22
ACETONE	5	199	410	21/22	9	9	1/22
DIBROMOCHLOROPROPANE	3	ND	ND	0/22	ND	ND	0/22
ETHYLENE DIBROMIDE	5	ND	ND	0/22	ND	ND	0/22
METHYLETHYL KETONE	10	16	46	13/22	10	22	4/22
METHYL ISOBUTYL KETONE	2	ND	ND	0/22	ND	ND	0/22
STYRENE	1	8	52	15/22	2	2	1/22
TETRAHYDROFURAN	4	ND	ND	0/22	ND	ND	0/22
FREON 113	1	3	5	2/22	ND	ND	0/22
SATURATED HYDROCARBONS	20	106	220	22/22	7	12	5/22
UNSATURATED HYDROCARBONS	20	41	160	19/22	28	50	17/22
AROMATIC HYDROCARBONS	20	99	210	21/22	2	5	3/22
XYLENES	1	11	21	21/22	ND	ND	0/22
1,2,4-TRICHLOROENZENE	1	ND	ND	0/22	ND	ND	0/22
FLUOROTRICHLOROMETHANE	5	ND	ND	0/22	ND	ND	0/22
DICHLORODIFLUOROMETHANE	5	ND	ND	0/22	ND	ND	0/22
M-CHLOROTOLUENE	1	ND	ND	0/22	ND	ND	0/21
DIBROMOMETHANE	1	ND	ND	0/22	ND	ND	0/22
1,3-DICHLOROPROPANE	1	ND	ND	0/22	ND	ND	0/22
BROMOCHLOROMETHANE	1	ND	ND	0/22	ND	ND	0/22
1,2,3-TRICHLOROPROPANE	1	ND	ND	0/22	ND	ND	0/22

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Method 624 - cont.							
Volatile Organics							
=====							
1,2,3-TRICHLOROBENZENE	1	ND	ND	0/22	ND	ND	0/22
N-PROPYLBENZENE	1	1	2	4/22	ND	ND	0/22
1,1,1,2-TETRACHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
PENTACHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
BIS (2-CHLOROISOPROPYL) ETHER	2	ND	ND	0/22	ND	ND	0/22
SEC-DICHLOROPROPANE	1	ND	ND	0/22	ND	ND	0/22
1,2,4-TRIMETHYLBENZENE	1	6	13	21/22	ND	ND	0/22
N-BUTYLBENZENE	1	ND	ND	0/22	ND	ND	0/22
NAPHTHALENE	1	2	5	11/22	ND	ND	0/22
HEXACHLOROBUTADIENE	2	ND	ND	0/22	ND	ND	0/22
P-CHLOROTOLUENE	1	ND	ND	0/22	ND	ND	0/22
1,3,5-TRIMETHYLBENZENE	1	2	8	16/22	ND	ND	0/22
P-ISOPROPYLTOLUENE	1	3	4	20/22	ND	ND	0/22
1,1-DICHLOROPROPANE	1	ND	ND	0/22	ND	ND	0/22
ISOPROPYLBENZENE	1	1	1	1/22	ND	ND	0/22
TERT-BUTYLBENZENE	1	ND	ND	0/22	ND	ND	0/22
SEC-BUTYLBENZENE	1	ND	ND	0/22	ND	ND	0/22
BROMOBENZENE	1	ND	ND	0/22	ND	ND	0/22
CIS-1,2-DICHLOROETHENE	1	1	3	9/22	1	1	1/22
O-CHLOROTOLUENE	1	1	2	2/22	ND	ND	0/22
CARBON DISULFIDE	1	2	5	10/22	1	1	1/22
1,1-DICHLOROPROPENE	1	ND	ND	0/22	ND	ND	0/22
ETHYL ACETATE	1	13	16	3/ 7	ND	ND	0/ 7
2-HEXANONE	1	ND	ND	0/21	ND	ND	0/21
VINYL ACETATE	1	ND	ND	0/21	ND	ND	0/21
1,3-BUTADIENE	1	ND	ND	0/21	ND	ND	0/21
1,4-DIOXANE	1000	ND	ND	0/21	ND	ND	0/21

EPA Method 625
Base Neutral and
Acid Extractable Organics

=====							
2,4,6-TRICHLOROPHENOL	1	ND	ND	0/22	ND	ND	0/22
P-CHLORO-M-CRESOL	1	ND	ND	0/22	ND	ND	0/22
2-CHLOROPHENOL	1	ND	ND	0/22	ND	ND	0/22
2,4-DICHLOROPHENOL	2	ND	ND	0/22	ND	ND	0/22
2,4-DIMETHYLPHENOL	2	1	1	1/22	ND	ND	0/22
2-NITROPHENOL	2	ND	ND	0/22	ND	ND	0/22
4-NITROPHENOL	5	ND	ND	0/22	ND	ND	0/22
2,4-DINITROPHENOL	1	ND	ND	0/22	ND	ND	0/22
4,6-DINITRO-O-CRESOL	3	ND	ND	0/22	ND	ND	0/22
PENTACHLOROPHENOL	3	ND	ND	0/22	ND	ND	0/22

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Method 625 - cont.							
Base Neutral and							
Acid Extractable Organics							

PHENOL	1	5	13	21/22	ND	ND	0/22
ACENAPHTHENE	1	ND	ND	0/22	ND	ND	0/22
BENZIDINE	5	ND	ND	0/22	ND	ND	0/22
1,2,4-TRICHLOROBENZENE	2	ND	ND	0/22	ND	ND	0/22
HEXACHLOROBENZENE	2	ND	ND	0/22	ND	ND	0/22
HEXACHLOROETHANE	1	ND	ND	0/22	ND	ND	0/22
BIS (2-CHLOROETHYL) ETHER	1	ND	ND	0/22	ND	ND	0/22
2-CHLORONAPHTHALENE	1	ND	ND	0/22	ND	ND	0/22
1,2-DICHLOROBENZENE	1	3	5	3/22	ND	ND	0/22
1,3-DICHLOROBENZENE	1	3	3	1/22	ND	ND	0/22
1,4-DICHLOROBENZENE	1	1	2	5/22	3	3	1/22
2,4-DINITROTOLUENE	3	2	2	1/22	ND	ND	0/22
2,6-DINITROTOLUENE	3	ND	ND	0/22	ND	ND	0/22
FLUORANTHENE	1	ND	ND	0/22	1	1	1/22
4-CHLOROPHENYL PHENYL ETHER	2	ND	ND	0/22	ND	ND	0/22
4-BROMOPHENYL PHENYL ETHER	2	ND	ND	0/22	ND	ND	0/22
BIS-(2-CHLOROISOPROPYL) ETHER	3	ND	ND	0/22	ND	ND	0/22
BIS-(2-CHLOROETHOXY) METHANE	1	ND	ND	0/22	ND	ND	0/22
HEXACHLOROBUTADIENE	3	ND	ND	0/22	ND	ND	0/22
HEXACHLOROCYCLOPENTADIENE	3	ND	ND	0/22	ND	ND	0/22
ISOPHORONE	3	ND	ND	0/22	ND	ND	0/22
NAPHTHALENE	1	1	2	6/22	ND	ND	0/22
NITROBENZENE	1	ND	ND	0/22	ND	ND	0/22
N-NITROSODIMETHYLAMINE	1	31	63	6/22	ND	ND	0/22
N-NITROSODIPHENYLAMINE	1	ND	ND	0/22	ND	ND	0/22
N-NITROSODI-N-PROPYLAMINE	1	ND	ND	0/22	ND	ND	0/22
BIS-(2-ETHYLHEXYL) PHTHALATE	1	14	38	19/22	4	11	13/22
BUTYL BENZYLPHthalate	1	3	15	17/22	7	11	2/22
DI-N-BUTYLPHthalate	1	4	12	13/22	3	14	8/22
DI-N-OCTYLPHthalate	1	1	1	1/22	ND	ND	0/22
DIETHYLPHthalate	1	7	16	15/22	1	1	1/22
DIMETHYLPHthalate	1	ND	ND	0/22	ND	ND	0/22
BENZO[A]ANTHRACENE	1	ND	ND	0/22	ND	ND	0/22
BENZO[A]PYRENE	1	ND	ND	0/22	ND	ND	0/22
BENZO[B]FLUORANTHENE	1	ND	ND	0/22	ND	ND	0/22
BENZO[K]FLUORANTHENE	1	ND	ND	0/22	ND	ND	0/22
CHRYSENE	1	ND	ND	0/22	ND	ND	0/22
ACENAPHTHYLENE	1	ND	ND	0/22	ND	ND	0/22
ANTHRACENE	1	ND	ND	0/22	ND	ND	0/22
BENZO[G,H,I]PERYLENE	1	ND	ND	0/22	ND	ND	0/22
FLUORENE	0.5	1	1	1/22	1	1	1/22
PHENANTHRENE	1	4	4	1/22	6	6	1/22

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Method 625 - cont.							
Base Neutral and							
Acid Extractable Organics							

DIBENZO[A,H]ANTHRACENE	1	ND	ND	0/22	ND	ND	0/22
INDENO[1,2,3-CD]PYRENE	1	ND	ND	0/22	ND	ND	0/22
PYRENE	1	ND	ND	0/22	ND	ND	0/22
ALDRIN	1	ND	ND	0/ 1	ND	ND	0/ 1
BETA-BHC	1	ND	ND	0/ 1	ND	ND	0/ 1
DELTA-BHC	1	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDD	1	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDE	1	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDT	1	ND	ND	0/ 1	ND	ND	0/ 1
DIELDRIN	1	ND	ND	0/ 1	ND	ND	0/ 1
ENDOSULFAN SULFATE	1	ND	ND	0/ 1	ND	ND	0/ 1
ENDRIN ALDEHYDE	1	ND	ND	0/ 1	ND	ND	0/ 1
HEPTACHLOR	1	ND	ND	0/ 1	ND	ND	0/ 1
HEPTACHLOR EPOXIDE	1	ND	ND	0/ 1	ND	ND	0/ 1
TOXAPHENE	1	ND	ND	0/ 1	ND	ND	0/ 1
1,2-DIPHENYL HYDRAZINE	1	ND	ND	0/22	ND	ND	0/22
SATURATED HYDROCARBONS	20	2625	4400	21/22	155	500	19/22
UNSATURATED HYDROCARBONS	20	1588	2700	21/22	95	240	20/22
AROMATIC HYDROCARBONS	20	700	1400	21/22	61	140	15/22
ANILINE	1	ND	ND	0/22	ND	ND	0/22
BENZYL ALCOHOL	1	11	23	17/22	ND	ND	0/22
2-CRESOL	1	3	3	1/22	ND	ND	0/22
4-CRESOL	1	19	33	18/22	ND	ND	0/22
BENZOIC ACID	3	14	20	7/22	9	9	1/22
4-CHLOROANILINE	1	ND	ND	0/22	ND	ND	0/22
2-METHYLNAPHTHALENE	1	1	3	5/22	ND	ND	0/22
2,4,5-TRICHLOROPHENOL	2	ND	ND	0/22	ND	ND	0/22
2-NITROANILINE	1	ND	ND	0/22	ND	ND	0/22
3-NITROANILINE	1	ND	ND	0/22	ND	ND	0/22
DIBENZOFURAN	1	ND	ND	0/22	ND	ND	0/22
4-NITROANILINE	3	ND	ND	0/22	ND	ND	0/22

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Methods for Metals, Cyanide and Misc. =====							
ALUMINUM	200	1001	2800	52/52	113	260	50/52
ANTIMONY	50	ND	ND	0/51	ND	ND	0/51
ARSENIC	1	1	22	43/52	1	3	38/52
BARIUM	1	74	97	52/52	17	40	52/52
BERYLLIUM	1	1	2	3/52	ND	ND	0/52
BORON	30	375	660	52/52	359	620	52/52
CADMIUM	0.4	3	9	52/52	0	2	48/52
CALCIUM	10	30923	37000	52/52	28365	36000	52/52
CHROMIUM	4	32	120	51/51	8	35	44/51
COBALT	2	5	12	27/52	4	9	18/52
COPPER	2	87	160	52/52	18	37	49/52
IRON	60	5998	19000	52/52	507	1700	52/52
LEAD	2	25	90	52/52	5	17	30/52
MAGNESIUM	30	19308	27000	52/52	18596	26000	52/52
MANGANESE	2	171	300	52/52	146	250	52/52
MERCURY	0.5	0	3	32/51	1	2	3/51
MOLYBDENUM	5	9	34	44/52	8	17	41/52
NICKEL	10	33	80	52/52	21	60	51/51
SELENIUM	2	4	4	1/52	2	2	1/52
SILVER	1	11	27	52/52	2	5	46/52
STRONTIUM	3	190	240	52/52	172	220	52/52
THALLIUM	20	160	160	1/ 5	45	50	2/ 8
TITANIUM	20	19	30	52/52	3	6	25/52
VANADIUM	2	4	11	42/52	3	9	27/52
ZINC	40	301	760	51/51	118	450	51/51
CYANIDES, TOTAL	5	10	40	33/52	9	42	22/52
POLYNUCLEAR AROMATIC HYDROCARB	13	38	39	2/44	ND	ND	0/45
BNA TOTAL TOXIC ORGANICS	NA	30	740	16/21	18	25	2/22
VOA TOTAL TOXIC ORGANICS	NA	121	393	22/22	70	160	22/22

EPA Method 608
Organochlorine Pesticides

=====							
ALDRIN	0.05	ND	ND	0/ 1	ND	ND	0/ 1
DIELDRIN	0.05	ND	ND	0/ 1	ND	ND	0/ 1
CHLORODANE	0.5	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDT	0.05	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDE	0.05	ND	ND	0/ 1	ND	ND	0/ 1
4,4-DDD	0.05	ND	ND	0/ 1	ND	ND	0/ 1
ALPHA ENDOSULFAN	0.05	ND	ND	0/ 1	ND	ND	0/ 1
BETA ENDOSULFAN	0.05	ND	ND	0/ 1	ND	ND	0/ 1
ENDOSULFAN SULFATE	0.05	ND	ND	0/ 1	ND	ND	0/ 1
ENDRIN	0.05	ND	ND	0/ 1	ND	ND	0/ 1

INFLUENT AND EFFLUENT TOXICS SUMMARY 1990

Parameter (in ug/l)	EBMUD Method Detection Limit	I N F L U E N T			E F F L U E N T		
		Avg	Max	Detected /Sampled	Avg	Max	Detected /Sampled
EPA Method 608 (continued)							
Organochlorine Pesticides							
=====							
ENDRIN ALDEHYDE	0.05	ND	ND	0/ 1	ND	ND	0/ 1
HEPTACHLOR	0.05	ND	ND	0/ 1	ND	ND	0/ 1
HEPTACHLOR EPOXIDE	0.05	ND	ND	0/ 1	ND	ND	0/ 1
ALPHA BHC	0.05	ND	ND	0/ 1	ND	ND	0/ 1
BETA BHC	0.05	ND	ND	0/ 1	ND	ND	0/ 1
GAMMA BHC	0.05	ND	ND	0/ 1	ND	ND	0/ 1
DELTA BHC	0.05	980	980	1/ 1	ND	ND	0/ 1
PCB (1242)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1254)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1221)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1232)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1248)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1260)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
PCB (1016)	0.5	ND	ND	0/ 1	ND	ND	0/ 1
TOXAPHENE	0.5	ND	ND	0/ 1	ND	ND	0/ 1
METHOXYCHLOR	0.05	ND	ND	0/ 1	ND	ND	0/ 1
EPA Method 615							
Phenoxy Acid Herbicides							
=====							
2,4-D, PHENOXY ACID HERBICIDE	1	ND	ND	0/ 2	ND	ND	0/ 2
2,4,5-T, PHENOXY ACID HERBICID	0.2	ND	ND	0/ 2	ND	ND	0/ 2
2,4,5-TP (SILVEX)	0.2	ND	ND	0/ 2	ND	ND	0/ 2
2,4-DB, PHENOXY ACID HERBICIDE	2	ND	ND	0/ 2	ND	ND	0/ 2
DALAPON, PHENOXY ACID HERBICID	100	ND	ND	0/ 2	ND	ND	0/ 2
DICAMBA, PHENOXY ACID HERBICID	1	ND	ND	0/ 2	ND	ND	0/ 2
DICHLOROPROP, PHENOXY AC. HERB	1	ND	ND	0/ 2	ND	ND	0/ 2
DINOSEB, PHENOXY ACID HERBICID	1	ND	ND	0/ 2	ND	ND	0/ 2
MCPA, PHENOXY ACID HERBICIDE	400	ND	ND	0/ 2	ND	ND	0/ 2
MCPP, PHENOXY ACID HERBICIDE	400	ND	ND	0/ 2	ND	ND	0/ 2
EPA Method 624							
Volatile Organics							
=====							
ACROLEIN	5	ND	ND	0/22	ND	ND	0/22
ACRYLONITRILE	5	ND	ND	0/22	ND	ND	0/22
BENZENE	1	1	3	7/22	ND	ND	0/22
BROMODICHLOROMETHANE	1	1	3	10/22	7	16	22/22
BROMOFORM	2	ND	ND	0/22	ND	ND	0/22
BROMOETHANE	3	3	3	3/22	ND	ND	0/22
CARBON TETRACHLORIDE	1	ND	ND	0/22	ND	ND	0/22
CHLOROENZENE	1	ND	ND	0/22	ND	ND	0/22
CHLOROETHANE	2	3	7	9/22	1	3	4/22

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF
 ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Precision Tune Today's Date 1/31/91
 Site Address 3800 Broadway EPA ID# _____
 City Oakland Zip 94611 Phone 694-7807

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A GENERATOR (Title 22)		
Manifest	1. Waste ID	66471
	2. EPA ID	66472
	3. > 90 days	66508
	4. Label dates	66508
	5. Biennial	66493
	6. Records	66492
	7. Correct	66484
	8. Copy sent	66492
	9. Exception	66484
	10. Copies Rec'd	66492
Misc.	11. Treatment	66371
	12. On-site Disp. (H.S.&C)	26189.5
	13. Ex Haz. Waste	66570
Prevention	14. Communications	67121
	15. Aisle Space	67124
	16. Local Authority	67126
	17. Maintenance	67120
	18. Training	67105
Conf. Agency	19. Prepared	67140
	20. Name List	67141
	21. Copies	67141
	22. Emg. Coord. Tmg.	67144
Containers, Tanks	23. Condition	67241
	24. Compatibility	67242
	25. Maintenance	67243
	26. Inspection	67244
	27. Buffer Zone	67246
	28. Tank Inspection	67259
	29. Containment	67245
	30. Safe Storage	67261
	31. Freeboard	67257
I.B TRANSPORTER (Title 22)		
Manifest	32. Applic./Insurance	66428
	33. Comp. Cert./CHP Insp.	66448
	34. Containers	66465
	35. Vehicles	66465
	36. EPA ID #s	66531
	37. Correct	66541
	38. HW Delivery	66543
	39. Records	66544
Cont's	40. Name/ Covers	66545
	41. Recyclables	66800

Comments:
 Waste oil is stored in an underground tank. Their last disposal was on 11-26-90 by Regimer's Service, Pattern CA. Waste oil filters must be drained a minimum of 24 hours before being placed in your dumpsters. The dumpster area should be cleaned of the waste oil on the ground. Waste anti-freeze is stored in a 55 gal drum and will be disposed of by Regimer's Service. Sludge and waste cleaning solvent must be disposed of as a hazardous waste. That sludge cannot be disposed of in the drum. This practice must stop immediately. All weights must be kept on site for three years.
 Contact: Ross Atwood (owner)

Rev 6/88

Contact: 11111 Hall
 Title: Env. Mgr Inspector: Carry Seto
 Signature: [Signature] Signature: [Signature]

NEW GENERATOR

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

L91347
H91414

Site ID# ~~435~~ ⁴³⁵ Site Name PRECISION TUNE Today's Date 7/3/90
Site Address 3800 BROADWAY EPA ID# _____
City OAKLAND Zip 94611 Phone 654-783

MAX Amt. Stored > 500lbs/55g/200cf? N
Hazardous Waste generated per month? _____

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

IA GENERATOR (Title 22)

Manifest	1. Waste ID	66471
	2. EPA ID	66472
	3. > 90 days	66508
	4. Label dates	66508
	5. Biennial	66493
	6. Records	66492
	7. Correct	66484
	8. Copy sent	66492
	9. Exception	66484
	10. Copies Rec'd	66492
Misc.	11. Treatment	66371
	12. On-site Disp. (H.S.&C.)	26189.5
	13. Ex Haz. Waste	66570
Prevention	14. Communications	67121
	15. Aisle Space	67124
	16. Local Authority	67126
	17. Maintenance	67120
	18. Training	67105
Conf. gency	19. Prepared	67140
	20. Name List	67141
	21. Copies	67141
	22. Emg. Coord. Trng.	67144
Containers, Tanks	23. Condition	67241
	24. Compatibility	67242
	25. Maintenance	67243
	26. Inspection	67244
	27. Buffer Zone	67246
	28. Tank Inspection	67259
	29. Containment	67245
	30. Safe Storage	67261
	31. Freeboard	67257

Comments:

CAR REPAIR/MAINTENANCE OPERATION:

- Has 1-500 gal. underground tank (waste oil) currently operating w/out a permit
- Has 2-250 gals above ground tanks (motor oil)
- Waste oil being pick up by Recyclatron Oil Co DBA Refineries Service P.O. Box 1167 Pittsburg 95363 (800) 874-4444 every 3-6 mos.
- spent antifreeze & spent solvents are currently dispose into the UGT (waste oil).
- oil spillage on floor in some area of facility

- Need to do:
- 1 Apply for an EPA No.
 - 2 Apply for a permit to operate the underground tanks with Alameda Co.
 - 3 Separate the hazardous waste storage of spent antifreeze and spent solvents.
 - 4 Records of hazardous waste disposal must be kept in the facility for the past 2 years.
 - 5 Provide waste oil disposal records of the 6 mos.
 - 6 Need proper housekeeping - clean or prevent oil spillage.

IB TRANSPORTER (Title 22)

Manifest	32. Applic./Insurance	66428
	33. Comp. Cert./CHP Insp.	66448
	34. Containers	66465
	35. Vehicles	66465
	36. EPA ID #s	66531
	37. Correct	66541
	38. HW Delivery	66543
	39. Records	66544
Conf's	40. Name/ Covers	66545
	41. Recyclables	66800

Contact: _____
Title: _____
Signature: [Signature]

Inspector: SUSAN L. HUGO
Signature: [Signature]