

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

July 19, 2002

Mr. Dennis O'Keefe
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

Dear Mr. O'Keefe:

Subject: Fuel Leak Site No. RO0000395, Golden Gate Petroleum, 421 23rd Ave., Oakland, CA 94606

Alameda County Environmental Health, Local Oversight Program (LOP), has reviewed the case files for the referenced site including the July 9, 2002 Hydro Analysis, Inc. Quarterly Monitoring Report. The report concludes that diesel, gasoline and benzene are no longer constituents of concern for the site. However, MTBE appears to have migrated off-site and was detected at a concentration of 2710 parts per billion (ppb) in monitoring well MW-3.

Unfortunately, quarterly groundwater monitoring was not continued after the January 2001 event, but only resumed in June 2002. The resulting data is not sufficient to establish a trend, however, it does appear that the contaminants, BTEX and diesel are not contaminants of concern. Gasoline concentrations, though low in the June 2002 sampling event, were not low in the prior January 2001 sampling. Therefore, our office recommends that you continue quarterly monitoring for the analytes, TPHg and MTBE. Please use EPA Method 8260 to confirm the MTBE concentration in the highest impacted sample. In addition, please test for TAME, ETBE, DIPE, TBA, EDB and EDC in this sample to confirm their absence. Should TPHg concentrations increase to past levels, you should again run the samples for BTEX.

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. G. Aguiar, Hydro Analysis, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito, CA 94530

02mon421 23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



12-7-00

RO395

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

December 6, 2000
StID # 191

Mr. Dennis O'Keefe
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

Re: Golden Gate Petroleum Site, 421 23rd Ave., Oakland CA 94606

Dear Mr. O'Keefe:

Thank you for the submission of the November 17, 2000 Quarterly Groundwater Monitoring and Sensitive Receptor Survey and Conduit Study as prepared by your consultant, Hydro Analysis, Inc. These surveys did not identify any water supply wells, basements or sumps or private wells. One subsurface storm drain was identified that runs eastward towards 23rd Ave. to a connection which, empties into the Tidal Canal. However, no potential human health or ecological health risk currently exists, though concentrations of total petroleum hydrocarbons as gasoline and MTBE remain elevated in the down-gradient well, MW-6.

Consistent with current policy, groundwater monitoring should continue until a trend analysis (typically after compiling a minimum of four quarters of groundwater monitoring data) and a reasonable assumption that natural attenuation will attenuate the current levels can be made.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. K. Alexander, Hydro Analysis, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito,
CA, 94530

Mon421 23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT 8-28-2000

Ro# 395

August 25, 2000
StID # 191

Mr. Dennis O'Keefe
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

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

Re: Subsurface Investigation at Golden Gate Petroleum, 421 23rd Ave., Oakland CA 94606

Dear Mr. O'Keefe:

Our office has received and reviewed the **Hydro Analysis (HA) August 22, 2000 Well Installation and Quarterly Groundwater Monitoring Report** for the above referenced site. This report details the results of the recent installation of three off-site monitoring wells and their sampling plus sampling from the other four monitoring wells and two tank pit casings. The results indicate that groundwater contamination has migrated in the westerly direction, but concentrations do not appear to be at levels, which would pose a human health or ecological risk. The results illustrate how methyl tertiary butyl ether (MTBE) migrates faster than the rest of the petroleum plume and how its concentration is less attenuated than petroleum.

Our office has the following comments to your consultant's recommendations:

- At this time, you may put on-hold any further off-site subsurface investigation until groundwater concentrations have stabilized or show a consistent trend.
- We concur that quarterly groundwater monitoring should occur on all existing wells. You may discontinue sampling from the tank pit casings.
- We concur that a sensitive receptor survey should be performed. The results of this survey will help determine if additional subsurface investigation will be required.
- We concur that a conduit study should be done to determine if there are any preferential pathways for groundwater migration. This study should be in conjunction with the receptor survey to determine there is a potential health or ecological risk.
- A human health and ecological risk assessment can be put on-hold at this time. No immediate human health risk appears to exist and until the prior items are done, representative data and exposure pathways are unknown.

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. Alexander, Hydro Analysis, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito,
CA 94530

comment421 23rd

Sent 1/13/00
Including cc's

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20395

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

January 12, 2000
StID #191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

**Re: Work Plan for Subsurface Investigation, Golden Gate Petroleum, 421 23rd Ave.,
Oakland CA 94606**

Dear Mr. Brook:

Our office has received and reviewed the January 7, 2000 work plan referenced above sent in response to my November 30, 1999 letter. As you are aware, this work follows up the past investigation by Hageman-Aguiar (HA), which included the installation of four monitoring wells and eight geoprobe borings. Since the initial results indicated a potential for off-site migration of petroleum constituents, additional investigation was required.

The work plan proposes the installation of three off-site monitoring wells on the south side of Kennedy St. Soil and groundwater samples will be collected from each boring and these samples will be analyzed for TPH as gasoline, TPH as diesel, BTEX and MTBE.

Our office approves of this work plan with the following conditions:

- Please insure that a minimum of one soil sample is collected for analysis of the above mentioned parameters from each boring.
- Please confirm at a minimum the highest and lowest detected MTBE concentration in soil and in groundwater using EPA Method 8260.
- Prior to the installation of the three wells, please take additional groundwater elevation readings to confirm the on-site gradient direction. Should the gradient vary from the initial direction, please alter the location of the wells appropriately.
- Please contact our office prior to the installation of the wells and incorporate the new wells into the monitoring plan along with the existing wells.

You are also reminded that based upon the confirmation of elevated MTBE concentrations (like that originally detected) active groundwater remediation will be required.

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

Mr. Harvey Brook
Golden Gate Petroleum
421 23rd Ave., Oakland CA
StID #191
January 12, 2000
Page 2.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. G. Aguiar, Hageman-Aguiar, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito,
CA 94530

Mr. M. Owens, SWRCB Cleanup Fund, 2014 T St., Suite 130, Sacramento, CA 94244-2120
Mwwpap421 23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 11-30-99
Including cc's

P0395

November 30, 1999
StID # 191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

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

**Re: Report of Subsurface Investigation at Golden Gate Petroleum, 421-23rd Ave.,
Oakland CA 94606**

Dear Mr. Brook:

Our office has received and reviewed the November 23, 1999 Hageman-Aguiar (HA) report referenced above. This report gives the results of soil and groundwater samples taken from the recent geoprobe borings and monitoring wells advanced at this site. The work plan followed was that by Bonkowski & Associates, previously provided and approved, with slight changes.

Our office concurs with the following HA observations:

- Soil contamination appears confined to the area southeast of the existing underground tanks and pump islands, with the highest concentrations being found in the boring from MW-2.
- The gasoline, diesel and MTBE plumes appear to be concentrated in the same southeast direction from the existing underground tanks. The limits of these contaminants in groundwater have not been defined and it is assumed that the contamination has migrated off-site.
- The general groundwater gradient from the initial monitoring event indicates a southwest direction, however, given the groundwater results, a southeasterly direction may also exist.
- There's a relative absence of benzene in both soil and groundwater.
- The groundwater samples from the extraction casings exhibited relative low gasoline, diesel and BTEX with slightly elevated MTBE. Given these results, HA believes that the soil and groundwater removal performed during the tank removals has had a significant impact in removing petroleum contamination. They, therefore, do not recommend using the extraction casings for remediation purposes.

HA, in their November 24, 1999 cover letter has the following recommendations:

- Conduct additional subsurface investigation down-gradient of the site
- Conduct a sensitive receptors survey (wells and surface water bodies)
- Conduct quarterly monitoring and
- Prepare a risk assessment in accordance with ASTM Standard E-1739.

Mr. Harvey Brook
Golden Gate Petroleum
421 23rd Ave., Oakland 94606
StID # 191
November 30, 1999
Page 2.

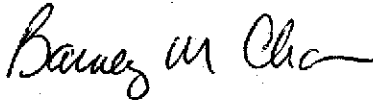
Our office agrees with these recommendations. We also have the following concerns:

- You should also perform a conduit study to determine if any preferential pathways exist for groundwater migration.
- Your risk assessment should also include an ecological risk assessment due to the proximity of the Oakland-Alameda estuary.
- If groundwater monitoring confirms the presence of elevated MTBE concentrations, some type of active remediation must be proposed. Therefore, you cannot rule out the possibility of using the extraction trench and casings installed by Bonkowski & Associates.

Please provide comment to this letter and provide a work plan for your off-site investigation to our office within 30 days or no later than January 3, 2000.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. G. Aguiar, Hageman-Aguiar, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito,
CA 94530

Mr. M. Owens, SWRCB Cleanup Fund, 2014 T St., Suite 130, Sacramento, CA 94244-2120
Add Wp421-23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SOOT 11-2-99
including eo's

R0395

ENVIRONMENTAL HEALTH SERVICES

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

November 1, 1999
StID # 191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

Re: Work Plan for 421 23rd Ave., Oakland CA 94606

Dear Mr. Brook:

This letter confirms the receipt of tentative results from the initial Geoprobe investigation performed by Hageman-Aguiar, Inc. (HA) at the above referenced site. As you are aware, HA has initiated the work plan previously proposed by Bonkowski & Associates and approved by our office. HA has interpreted the initial soil and groundwater data from the geoprobe investigation and slightly changed the locations of the monitoring wells. Our office has reviewed the iso-concentration maps and the revised well location map and concur with their locations. I understand that the wells are scheduled for installation today.

HA has stated that the final version of this investigation will be completed by November 22, 1999. Please let me know if there are any changes in this completion date.

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. G. Aguiar, Hageman-Aguiar, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito,
CA 94530

Mr. M. Owens, SWRCB Cleanup Fund, 2014 T. St., Suite 130, Sacramento, CA 94244-
2120

modwp421 23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0395

September 24, 1999
StID # 191

Mr. Harvey Brook
1001 Galaxy Way, #308
Concord, CA 94520

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

Re: Golden Gate Petroleum, 421 23rd Ave., Oakland CA 94606

Dear Mr. Brook:

This letter requests that you provide our office an acceptable time schedule for the implementation of the previously approved November 16, 1998 work plan for the above site. As you will recall, our office required additional investigation of this site based on the results of samples taken from the August 1998 tank removals. Our office, working along with the City of Oakland Fire Services, allowed the installation and operation of the new fuel tanks on the condition that you proceed with your site investigation. The November 16, 1998 work plan from Bonkowski & Associates called for the advancement of eight geoprobe borings to characterize the site and the installation of four monitoring wells. In addition, if necessary, groundwater extraction would be considered from the extraction trench installed within the tank pit.

On your behalf, Bonkowski & Associates requested and was granted an extension for the initiation of this work until 45 days after receipt of the Letter of Commitment from the Cleanup Fund, or not later than July 1, 1999. On April 2, 1999, I confirmed Corrective Action Compliance for this site with the Cleanup Fund. On August 9, 1999 our office received a copy of a Pre-Approval of Corrective Action Costs from the Cleanup Fund. Therefore, our office anticipated the initiation of the work plan by September 24, 1999. To date, we have not been informed of the status of the implementation of the aforementioned work plan. Therefore, we will, through copying the Cleanup Fund, notify them of this situation. I am recommending that they issue a 90 day compliance letter which could result in the removal of their commitment to reimburse your remediation expenses.

Please contact our office and provide an acceptable schedule for your work plan within 10 days or by **October 4, 1999**. You may contact me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. M. Bonkowski, Bonkowski & Associates, 6400 Hollis St., Suite 4, Emeryville, CA 94608
Mr. M. Owens, SWRCB Cleanup Fund, 2014 T St., Suite 130, Sacramento CA 94244-2120
Mr. C. Campanella, 5401 San Leandro St., Oakland CA 94601
Sch-wp421-23

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0# 395

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

April 1, 1999
StID # 191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

**Re: Request for Extension for Implementation of Site Assessment and Corrective Action
Plan for 421 23rd Ave., Oakland CA 94606**

Dear Mr. Brook:

This letter acknowledges receipt of and approves your work plan extension request (via fax from Bonkowski & Associates). In accordance to your request, you will initiate the approved site assessment and corrective action plan within 45 days after receipt of a Letter of Commitment from the Cleanup Fund or no later than July 1, 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
Ms. C. Gordon, SWRCB Cleanup Fund (by fax only)
Mr. M. Bonkowski, Bonkowski & Associates (by fax only)

Wpent421-23rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro# 395

February 24, 1999
StID #191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

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

Re: Site Assessment and Corrective Action Workplan for 421 23rd Ave., Oakland 94606

Dear Mr. Brook:

Our office approved the November 16, 1998 Corrective Action Workplan for the above referenced site in my November 25, 1998 letter. Since this time, we are aware that the Underground Storage Tank Cleanup Fund (Cleanup Fund) has reviewed your application claim for reimbursement and you have been designated a Priority Class "C". Please be reminded that current and future reimbursement is contingent on your timely and efficient performance of the approved remedial actions.

Therefore, to avoid jeopardizing your status with the Cleanup Fund, our office requests that you perform the previously approved work plan (borings and monitoring well) **within 45 days or by April 7, 1999.**

You are reminded to contact me 72 working hours prior to this work. I may be reached at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. C. Dittmar, Bonkowski & Associates, 3650 Mount Diablo Blvd., Suite 200,
Lafayette, CA 94549

Ms. C. Gordon, SWRCB Cleanup Fund, 2014 T Street, Suite 130, Sacramento CA 95814

CAPimp421

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 395

November 25, 1998
StID # 191

Mr. Harvey Brook
Golden Gate Petroleum
1001 Galaxy Way, Suite 308
Concord, CA 94520

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

Re: Site Assessment and Corrective Action Workplan for 421 23rd Ave., Oakland CA 94606

Dear Mr. Brook:

Thank you for the submission of the November 16, 1998 work plan referenced above prepared by Bonkowski and Associates. The work plan proposes work which further characterizes the soil and groundwater at the site and provides a method to remediate groundwater, if necessary.

Further site characterization will be performed by advancing eight (8) Geoprobe borings throughout the site. Both soil and groundwater samples will be collected. The soil samples from successive depths in each boring will be screened for the indication of contamination. It is assumed that the sample with the highest screening values will also be analyzed by a certified laboratory. Please insure that at least one soil boring is analyzed in addition to the groundwater sample from each bore hole. The samples will be analyzed for the following parameters; TPHg, TPHd, BTEX and MTBE. You are advised to perform a silica gel clean-up of the samples prior to the analysis for TPHd. In addition, MTBE should be confirmed by a GC/MS method (8240 or 8260) on the groundwater sample with the highest MTBE concentration obtained by EPA Method 8020.

Based on the results of the Geoprobe borings, four monitoring wells will be installed. A preliminary figure was provided indicating the proposed location of these wells. You are requested to confirm the location of these wells prior to installation.

Since there was the anticipation of groundwater contamination, a collection trench consisting of slotted horizontal piping below the anticipated groundwater level was installed in the assumed down-gradient location of the former underground tanks. If the results of the monitoring wells indicate the need, the collection trench will be used to extract groundwater. It was assumed that the greatest amount of groundwater contamination lies within the former tank pit, a reasonable assumption.

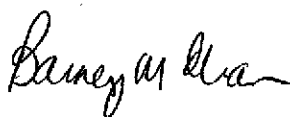
This work plan is acceptable to our office with the following comments/conditions:

- The soil and groundwater cleanup levels mentioned in the work plan are not applicable for this site. Appropriate cleanup levels should be consistent with ASTM Risk Based Corrective Action (RBCA) methodology and protective of potential ecological receptors.
- On a quarterly basis, you should submit a report summarizing the work performed the prior quarter and the work planned for the next quarter. An update on any scheduled work should also be included.
- Please contact this office at least 72 working hours prior to any work at the site.

Mr. Harvey Brook
421 23rd Ave., Oakland CA 94606
StID # 191
November 25, 1998
Page 2.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Ms. C. Dittmar, Bonkowski & Associates, 3650 Mount Diablo Blvd., Suite 200, Lafayette,
CA 94549

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director



03-03-03

Mr. Dennis O'Keefe
Golden Gate Petroleum
501 Shell Ave
Martinez, CA 94553

RO0000395

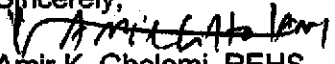
ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700 Fax (510) 337-9335

RE: Golden Gate Petroleum, (Formerly Bay Area Diablo Petroleum), 421 23rd Ave., Oakland 94606

Dear Mr. O'Keefe:

Please be advised that I have been recently assigned to oversee the above referenced site. Therefore, all documents, reports, and correspondences should be addressed to my attention. In fact, I have received numerous other "new cases", which I need to get familiar with and proceed forward as soon as practicable. In order to keep continuity and to reduce confusion, I will try to follow up on the work/guidelines previously requested by my colleague of this office.

However, to expedite this so called "familiarization" process, please fill out and submit to me the attached table as soon as possible. Please fill out the attached table with the latest information regarding the chemical concentrations. If you have any questions, please call me at (510)-567-6876. Thank you very much for your cooperation.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

Site Address:

Depth to groundwater	
Groundwater flow gradient and speed	
Benzene (ppb)	
Toluene (ppb)	
Ethylbenzene (ppb)	
Xylene (ppb)	
MTBE (ppb)	
TPHg (ppb)	
TPHd (ppb)	
Solvents if any (ppb)	
Heavy Metals if any	
Well Screen levels (for each monitoring well)	
Date information collected for concentrations	
Plume Stability: increasing or decreasing or stable?	
Any "Active Remediation" occurring presently or past?	
Other Pertinent Information regarding this site(use space below if needed)	

Please fill out one form for each site indicated above and email me back, thanks

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KLARS, Agency Director



R0# 395

August 21, 1998
StID # 191

Mr. Terry Pinney
Golden Gate Petroleum
1001 Galaxy Way, Suite #308
Concord CA 94520

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

Re: Supplemental IRM Workplan for Oakland Cardlock, 421 23rd Ave., Oakland CA 94606

Dear Mr. Pinney:

In lieu of signing the requested page on the August 18, 1998 IRM Work plan, I am writing this letter. This letter serves to reply to the IRM (Interim Remedial Measures) Workplan submitted to me today during my site visit by Mr. Peter Holland of Bonkowski & Associates. As you are aware, our office will be overseeing the investigation and remediation of this site through Alameda County Environmental Health's Local Oversight Program (LOP). A Notice of Responsibility (NOR) has been recently sent to you informing you of this administrative action.

Although the IRM was initially sent to and approved by Mr. Leroy Griffin of the City of Oakland, our office was aware and concurred with those actions stated in the August 18, 1998 report.

Those items included:

- The removal of free product and impacted groundwater from the tank pit,
- The proper disposal of this collected groundwater;
- The over-excavation of highly impacted areas including the ends of Tank 1 and 2 and three of the four former dispenser islands;
- The installation of a collector trench within the underground tank pit. The collector trench consists of slotted 4 inch PVC piping wrapped in filter fabric and lain horizontally at the base of the tank pit along the south and west sides. Vertical risers are placed at the ends of the piping.
- The proper disposal of stockpiled soil generated from the tank removal.

At the conclusion of your tank removal activities, please provide a copy of the complete Underground Storage Tank Closure Plan to our office and the City of Oakland. It was noticed that a map indicating the exact locations of samples was not included in this report.

You are also required to submit a Corrective Action Plan (CAP) pursuant to Title 23, Division 3, Chapter 16, Section 2725(d). The CAP consists of a site assessment, a feasibility study and a proposal for applicable cleanup levels. The initial work performed in the IRM work plan has greatly contributed to the preliminary site assessment part of the CAP. At this time, our office requests the submission of a work plan to determine the impact of the petroleum release to groundwater. Because you are, at this time, installing and permitting a new underground tank system, you may submit your work plan within 30 days of the conclusion of the restoration of site, the permitting of the underground tanks or the disposal of soil or groundwater, whichever is occurs last.

Mr. Terry Pinney
Golden Gate Petroleum
421 23rd Ave.
StID #191
August 21, 1998
Page 2.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. M. Bonkowski, Bonkowski & Associates, 3650 Mount Diablo Blvd., Suite 200, Lafayette,
CA 94549

Mr. Leroy Griffin, City of Oakland, Fire Dept., OES, 505 14th St., 7th Floor, Oakland 94612

Stat421-23

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0395

August 14, 1989

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

⑤

Lisa A. Polos
Toxic Technology Services
P. O. Box 515
Rodeo, CA 94572

Dear Ms. Polos:

As requested on your letter of August 3, 1989 pertaining to File Nos. 89-6 and 89-8, we have reviewed our files on Hazardous Waste Generator, Underground Tanks (UGTs), Proposition 65 and site mitigation.

The following information is presented per your request:

OAKLAND

320 - 29th Ave.

No record

324 - 23rd Ave.

No record

(R0395) 421 - 23rd Ave.

Bay Area Petroleum Co.

Inspected 8/26/88
Interim permits issued
for 5 UGTs on 5/22/89
No record of soil
contamination
No major violations
of the state law

(R0437) 2901 Glascock

ABI Machine Shop

Inspected 7/11/86
No record of soil
contamination
No major violations
of the state law

(R02842)

(11) 2901 Glascock

Windward Yachts

Inspected 7/11/86
No record of soil
contamination
No major violations
of the state law

HAYWARD

19984 Meekland Rd. Durham Transportation

(R047)

Inspected 3/3/88
Interim permits issued
for 4 UGTs on 4/20/89
Closure plans submitted
to remove 4 tanks on
7/28/89
No major violations of
the state law

128 Blossom Way

No record

50 Blossom Way

No record

(R0720)20009 Meekland Rd. Hoang's Auto Care

Inspected 3/3/88
No record of soil
contamination
No major violations of
the state law

20008 Meekland Rd.

No record

20332 Meekland Rd.

No record

20228 Meekland Rd.


No record

This letter is limited to information available to this department and does not reflect any other information which may be accessible from other agencies or parties.

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

If you have any questions concerning this matter, please contact Edgar Howell, Supervising Hazardous Materials Specialist at 271-4320.

Sincerely,


for Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:MAM

Enclosure