

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

May 11, 2004



ENVIRONMENTAL HEALTH SERVICES

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

Mr. Kelly Engineer
All Star Inc.
1791 Pine St.
Concord, CA 94620

Dear Mr. Engineer:

Subject: Fuel Leak Case RO0002541, 1220 W. Tennyson Road, Hayward, CA 94544

Alameda County Environmental Health (ACEH) has reviewed the case file for the subject site including the April 26, 2004 Limited Subsurface Investigation Report and the March 2004 Groundwater Monitoring Report prepared by ACC Environmental Consultants. These reports summarize the soil and groundwater results of the subsurface investigation performed at the site on October 6, 2003 and the first quarter monitoring results performed on March 22, 2004. Additional work will be required to progress your site towards closure. We request that you address the following technical comments when performing the requested work and submit the technical reports requested below.

TECHNICAL COMMENTS

TECHNICAL REPORT SUBMISSION

1. The Limited Subsurface Investigation Report was granted a three-week extension for submittal and was due on September 29, 2003. Therefore, this report was submitted over six months past its deadline. You are requested to submit all reports according to their respective due dates.

SENSITIVE RECEPTOR SURVEY

2. The location(s) of off-site wells has been an on-going question. ACEH understands that interviews have been made with residents and one well is believed to have been destroyed. Our office requests a formal sensitive receptor report be submitted. A survey of neighboring properties within a ¼ mile down-gradient radius of this site should be performed to confirm the absence of irrigation/domestic wells and subsurface basements. Please note the method of decommissioning all wells. If basements exist, note the presence or absence of a cement foundation. Minimally, the residences on Pompano Ave., Mantilla Ave., Havana Ave., Pensacola Ave. and Cortez St. should be surveyed. The location of the one well referenced above and any others should be noted on the final sensitive receptor report. The report should be submitted as requested below.

BORING LOGS AND CROSS-SECTIONS

3. Nine borings were drilled in the October 2003 investigation, however, the report only provides the boring logs for borings SB1, SB2 and SB6. Please provide the logs for the other borings. In addition, we request that cross-sectional diagrams be submitted in north-south and east-west directions for the site.

Mr. Engineer
RO0002541, 1220 W. Tennyson Rd., Hayward 94544
May 11, 2004
Page 2 of 3

ISOCONCENTRATION CONTOURS

4. Please provide iso-concentration plots for TPHg, BTEX and MTBE in soil for the site. These figures should be used to support your conclusions made regarding the extent of delineation of petroleum contamination.

ETHER OXYGENATES AND LEAD SCAVENGER ANALYSIS

5. It is noted that the other ether oxygenates, TBA, DIPE, ETBE and TAME have only been analyzed for once at this site, during the 4/01 monitoring of MW-3. TBA was reported at 1500 ppb while MTBE was reported at 760 ppb. Significant MTBE has been detected in wells and grab groundwater samples subsequent to this. Therefore, future monitoring well and grab groundwater samples should be analyzed for these other ether oxygenates. In addition, the lead scavengers EDB and EDC should also be tested at least once in the highest impacted well.

OBSERVATION WELLS

6. It was further noticed that an observation well, OB-2 was also sampled during the 4/01 event. During the 2/24/03 monitoring event, an observation well was sampled by accident instead of MW-2. Please indicate on a figure the location(s) of all observation wells and note which ones were sampled. Up to 100,000 ppb MTBE was reported in these wells in 4/01. Please determine whether these wells can still be sampled, whether they still represent a source of contamination and whether they can be used for remediation.

ADDITIONAL ON AND OFF-SITE INVESTIGATION

7. Our office does not concur with the conclusions in April 26, 2004 Limited Subsurface Investigation Report. The limited soil and groundwater data does not suggest that the vertical extent of contamination in soil has been defined (see B-3-12.0). Prior investigations have been limited in their vertical delineation. In addition, the extent of contamination in groundwater has not been defined. Elevated TPH grab groundwater samples from SB6, SB7 and elevated MTBE in SB9 indicate the plume has migrated offsite. This plume cannot be characterized by only one groundwater result, ie that from boring SB8. Without additional groundwater sampling, you cannot assume that TPHg, BTEX and MTBE concentrations have attenuated down-gradient of the site. Our office concurs that additional investigation and remedial action should be performed. However, the installation of one additional well is not sufficient to complete site characterization. A minimum of one additional onsite well and multiple off-site wells and borings should be considered. In addition, a feasibility study should be performed prior to recommending ORC injections as the best remedial action.


Mr. Engineer
RO0002541, 1220 W. Tennyson Rd., Hayward 94544
May 11, 2004
Page 3 of 3

TECHNICAL REPORT REQUEST

- June 14, 2004- Boring logs, cross-sectional diagrams, soil iso-concentration contours
- June 30, 2004- Second quarter 2004 monitoring report include ether oxygenates and lead scavenger analysis, information regarding observation wells, work plan for additional on and off-site investigation and feasibility study.
- September 30, 2004- Third quarter 2004 monitoring report and Sensitive Receptor survey
- December 30, 2004- Fourth quarter 2004 monitoring report

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C. B. Chan, D. Drogos

Mr. D. Dement, ACC Env. Consultants, 7977 Capwell Drive, Suite 100, Oakland, CA 94621

Mr. H. Murphy, City of Hayward Fire Dept., 777 B St., Hayward, CA 94541

Mr. P. Rosenstein, Esq., 55 Santa Clara Ave., Suite 250, Oakland, CA 94610

Ms. S. Torrence, Alameda County District Attorney Office, 7677 Oakport, Suite 400,
Oakland 94621

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 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

Site ID # 102541 Site Name _____ Today's Date 10/16/03

II.A BUSINESS PLANS (Title 19)

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

Site Address 220 W Tennyson Rd
 City Hayward Zip 94544 Phone _____

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

Inspection Categories:

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

Site remediation / investigation

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

II.B ACUTELY HAZ MATLS

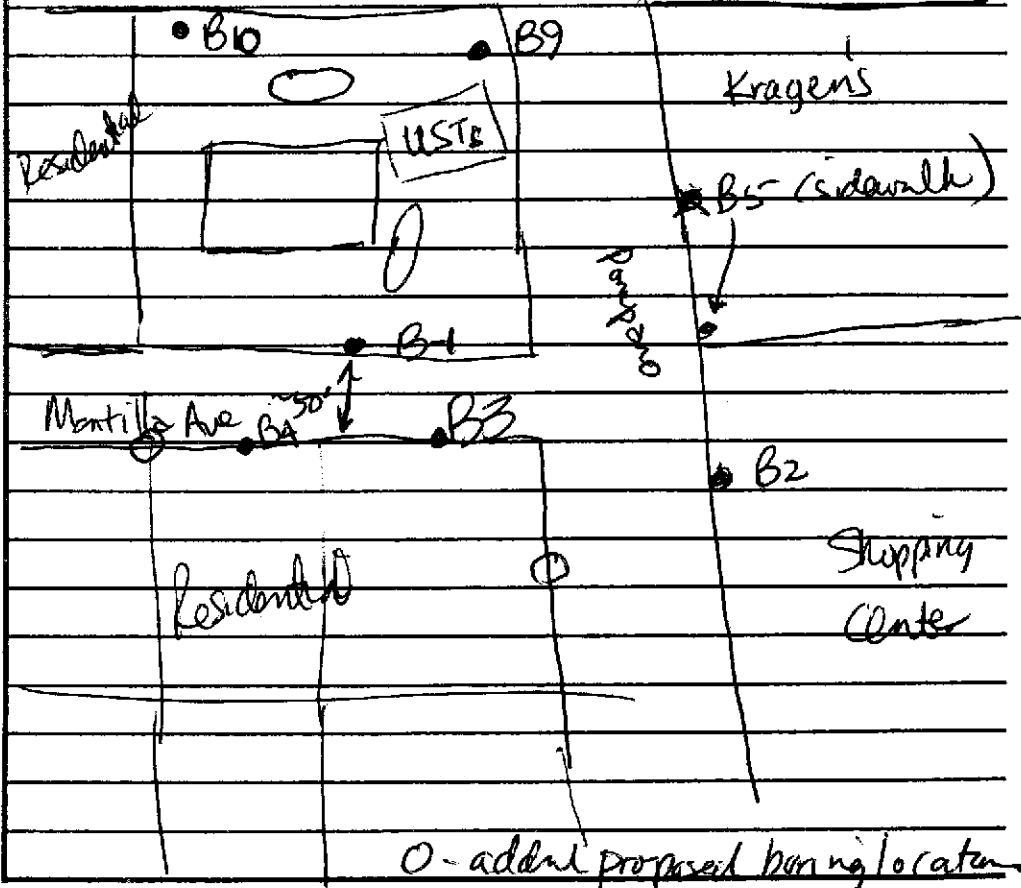
- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Rec'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)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

Comments:

W. Tennyson Rd

III. UNDERGROUND TANKS (Title 23)

- General**
- ___ 1. Permit Application 25284 (H&S)
- ___ 2. Pipeline Leak Detection 25292 (H&S)
- ___ 3. Records Maintenance 2712
- ___ 4. Release Report 2651
- ___ 5. Closure Plans 2670
- ___ 6. Method
- 1) Monthly Test
- 2) Daily Vadose
 Semi-annual groundwater
 One time soils
- 3) Daily Vadose
 One time soils
- 4) Monthly Gndwater
 Annual tank test
 One time soil
- 5) Daily Inventory
 Annual tank testing
 Cont pipe leak det
 Vadose/gndwater mon.
- 6) Daily Inventory
 Annual tank testing
 Cont pipe leak det
- 7) Weekly Tank Gauge
 Annual tank testing
- 8) Annual Tank Testing
 Daily Inventory
- 9) Other _____
- ___ 7. Precip Tank Test 2643
 Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water. 2647
- New Tanks**
- ___ 11. Mon/for Plan 2632
- ___ 12. Access. Secure 2634
- ___ 13. Plans Submit 2711
 Date: _____
- ___ 14. As Built 2635
 Date: _____



Rev 8/88

Contact: D. Pement

Title: _____

Signature: _____

Inspector: BChan

Signature: _____

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # _____ Site Name _____ Today's Date / / 9 6 03

II.A BUSINESS PLANS (Title 19)

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

Site Address 1220 W Temyson Rd

City Hayward Zip 94544 Phone _____

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

Inspection Categories:

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

P.2

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

Comments:

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|--|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose |
| | Semi-annual groundwater |
| | One time soils |
| | 3) Daily Vadose |
| | One time soils |
| | Annual tank test |
| | 4) Monthly Gndwater |
| | One time soils |
| 5) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| Vadose/gndwater mon. | |
| 6) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| 7) Weekly Tank Gauge | |
| Annual tank testing | |
| 8) Annual Tank Testing | |
| Daily Inventory | |
| 9) Other _____ | |
| ___ 7. Precis Tank Test 2643 | |
| Date: _____ | |
| ___ 8. Inventory Rec. 2644 | |
| ___ 9. Soil Testing 2646 | |
| ___ 10. Ground Water. 2647 | |

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

Rev 6/88

D. Dement of ACC - Consultant
 At ~ 1:30 pm : Borings B9, B10, B5, B2 & B-1 had been advanced, working on B3
 D. Dement reported all borings were "clean" except B-1 where limited amt of FP observed
 Soils typically clayey silt & silty sand where GW encountered. GW encountered ~ 18'-20' except B-1 @ ~ 12'.
 Some He odor observed in B3 soils
 In Pro 8 Env. Labring - contractor - slight gas odor in B4 soil
 will advance an additional boring to the west of B4 & one additional south of B3 in Pompano. The H2O spl from B4 has at more odor than B3.
 Spoke to a neighbor in Pompano & they think the irrigation well formerly in Pompano has been closed. D. Dement will followup

Contact: D. Dement

Title: _____

Signature: _____

Inspector: BChan

Signature: _____

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

August 18, 2003

Mr. Kelly Engineer
All Star Inc.
1791 Pine St.
Concord, CA 94620

Dear Mr. Engineer:

Subject: Fuel Leak Case RO0002541, 1220 W. Tennyson Road, Hayward, CA 94544

Alameda County Environmental Health, Local Oversight Program (LOP) staff has received the *August 11, 2003 Request for Time Extension- Subsurface Investigation* submitted on your behalf by ACC Environmental Consultants (ACC). This letter approves the requested three (3) week extension for the submittal of a subsurface investigation report for the subject site. Your due date is now September 29, 2003.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. E. Giacometti, ACC Environmental Consultants, 7977 Capwell Dr., Suite 100, Oakland,
CA 94621

Mr. P. Rosenstein, Esq., 55 Santa Clara Ave., Suite 250, Oakland, CA 94610

Ms. S. Torrence, Alameda County District Attorney Office, 7677 Oakport, Suite 400,
Oakland, CA 94621

Mr. H. Murphy, City of Hayward Fire Department, 777 B St., Hayward, CA 94541

SSext1220WTennyson

Environmental, Energy & Software Services
Northern California Office
7977 Capwell Drive, Suite 100
Oakland, CA 94621
(510) 638-8400
Fax: (510) 638-8404



RO 2541

Facsimile

To: Ms. Barney Chan/Alameda County From: Ed Giacometti x114
 Fax: (510) 287-9835 Pages: 2 (including cover)
 Phone: (510) 567-6765 Date: 8/11/03
 Re: 1220 W. Tennyson CC: _____
 Urgent For Review For Comment Please Reply Recycle

Mr. Chan-

Attached to this coversheet is our time extension letter that you requested. If you have any questions, give me a call.

Thank you-
Ed Giacometti

ACC provides the following services:

- Asbestos Consulting
- Lead-paint Consulting
- Indoor Air Quality Consulting
- Mold & Water Intrusion Inspections
- Health & Safety Training
- Compliance Software
- Environmental Site Assessments
- Soil & Groundwater Remediation
- Underground Storage Tank Services
- Energy Consulting

Original to follow by:

- _____ No Hard Copy to Follow
- _____ Via US Mail
- _____ Via Express
- _____ Via Courier



August 11, 2003

Mr. Barney Chan
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Request For Time Extension - Subsurface Investigation
1220 W. Tennyson Road, Hayward, CA
Fuel Leak Case; RO0002541
ACC Project Number: 6651-004.00

Dear Mr. Chan:

ACC Environmental Consultants, Inc., (ACC) would like to request a three-week time extension on your September 8, 2003 deadline to prepare a Subsurface Investigation Report for the subject site. ACC only received a forwarded copy of your work plan approval letter around August 1, 2003. Keeping in mind the time it will take to complete the permitting process, schedule a driller, submit samples and receive analytical data, verify and sample the downgradient offsite well, and finalize the report itself, ACC feels the request for a time extension is valid.

ACC is aware of the intense regulatory scrutiny this site is under and believes that this extension will allow ACC the time needed to properly characterize and document the extent of contamination in and around the subject site.

If you have any questions, please contact me at (510) 638-8400, extension 114.

Sincerely,

A handwritten signature in cursive script that reads 'Edward Giacometti'.

Edward Giacometti
Staff Geologist

/ejg;trb

Enclosures

cc: Mr. Kelly Engineer, All Star Inc., 1791 Pine Street, Concord, CA 94620
Mr. Paul Rosenstien, Esq., 55 Santa Clara Avenue, Suite 250, Oakland, CA 94610

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 21, 2003

Mr. Kelly Engineer
All Star Inc.
1791 Pine St.
Concord, CA 94620

Dear Mr. Engineer:

Subject: Fuel Leak Case ~~RO0002541~~, 1220 W. Tennyson Rd., Hayward, CA 94544

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the July 11, 2003 Revised Work Plan – Limited Subsurface Investigation for the referenced site prepared by ACC Environmental Consultants. This work plan responds to technical comments included in my June 11, 2003 which comments on our office's evaluation of the original May 28, 2003 ACC work plan. The revised work plan is approved with the following technical comments and conditions.

Technical Comments

- Please note that all soil and groundwater samples should be analyzed for the constituents TPHg, BTEX, MTBE, ether oxygenates and lead scavengers by EPA 8260.
- Our office requests that two additional borings be advanced to determine potential impact to the neighboring residential properties. One boring should be approximately 40 feet north of proposed boring B10 and the other approximately 50 feet west of proposed boring B4. In addition, the location of proposed boring B1 should be moved approximately 30 feet to the west. To limit the number samples analyzed, you may consider putting on hold (and not running) those samples that are down-gradient of samples with non-detectable (ND) concentrations of contaminants of concern. Both soil and groundwater samples should be collected from these two additional borings.

Technical Report Request

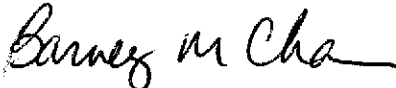
Based upon this work plan approval it appears that your consultant will be prepared to perform this work and submit a technical report of findings and recommendation to our office within 40 days of work plan approval. Therefore, please submit the following technical reports according to the following schedule.

- June 30, 2003- 2nd Quarter 2003 QMR
- September 8, 2003- Subsurface Investigation Report
- September 30, 2003- 3rd Quarter 2003 QMR
- December 30, 2003- 4th Quarter 2003 QMR

Mr. Kelly Engineer
RO0002541, 1220 W. Tennyson Rd., Hayward, CA 94544
July 21, 2003
Page 2

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C. B. Chan, D. Drogos

Mr. D. Dement, ACC Environmental Consultants, 7977 Capwell Drive, Suite 100,
Oakland 94621

Mr. Hugh Murphy, Hayward Fire Department, 777 B Street, Hayward, CA 94541

Mr. Paul Rosenstein, Esq., 55 Santa Clara Ave., Suite 250, Oakland, CA 94610

Ms. S. Torrence, Alco District Attorney Office, 7677 Oakport St., Suite 400,
Oakland, CA 94621

RevWp1220WTennyson

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



FILE COPY FOR R02541

June 13, 2003

Mr. Kelly Engineer
All Star Inc.
1791 Pine Street
Concord, CA 94620

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

Dear Mr. Engineer:

Subject: Fuel Leak Case RO0000089, 3820 San Leandro St., Oakland, CA 94601

NOTICE OF VIOLATION

Alameda County Environmental Health, Local Oversight Program (LOP) requested in their May 8, 2003 letter, copy enclosed, that you provide specific technical reports according to a stated schedule. This notice confirms that you are delinquent in providing a written comment to the Technical Comments in the May 8, 2003 letter by the requested date, June 9, 2003. Please provide the requested technical comment letter to our office, within two weeks or no later than June 30, 2003. You are also reminded that the soil and groundwater investigation report is due by July 7, 2003, therefore, you should be making progress in obtaining the required permits for this work.

You are also notified that our office has taken over the oversight of your 1220 W. Tennyson Road, Hayward site from the City of Hayward Fire Department. Our office recently sent you a Notice of Responsibility letter informing you of this administrative action. This letter was returned to our office and marked refused by the addressee at 5:41pm on June 9, 2003. Please explain why this occurred. I have enclosed this document in this letter.

It appears that there have been significant delays in the submission of reports and performance of requested investigations. The District Attorney Office shall be informed of such delays in report submission for possible enforcement actions.

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

Sincerely,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is fluid and cursive.

Barney M. Chan
Hazardous Materials Specialist

Enclosures (Mr. Engineer only)

C. B. Chan, D. Drogos

Mr. D. Dement, ACC Env. Consultants, 7977 Capwell Drive, Suite 100, Oakland, CA 94621
Ms. S. Torrence, Alameda County DA Office, 7677 Oakport St., Suite 400, Oakland, 94621
Mr. H. Gomez, City of Oakland Fire Services, 1605 MLK Jr. Dr., Oakland, CA 94612
Mr. Paul Rosenstein, Attorney at Law, 55 Santa Clara Ave., Suite 250, Oakland CA 94610
Mr. H. Murphy, Hayward Fire Dept., 777 B St., Hayward, CA 94541-500

NOVWp3820SanLeandroSt

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 11, 2003

Mr. Kelly Engineer
All Star Inc.
1791 Pine St.
Concord, CA 94620

Dear Mr. Engineer:

Subject: Fuel Leak Case RO0002541, 1220 W. Tennyson Rd., Hayward, CA 94544

Please be informed that the Hayward Fire Department has transferred the oversight of your underground storage tank fuel leak case to Alameda County Environmental Health, Local Oversight Program (LOP). Our office has reviewed the case file for the subject site including the May 28, 2003 Work Plan- Limited Subsurface Investigation from ACC Environmental Consultants. We have also spoke with the Hayward Fire Department (HFD) staff. We anticipate working with the HFD and providing them current case information to help them with site operating decisions. We recommend you copy the HFD on your correspondences and keep them informed of all site activities. The ACC work plan proposes to advance numerous Geoprobe borings in the assumed down and cross-gradient directions of the site and collect soil and groundwater samples for chemical analysis. The intent of the investigation is to define the lateral extent of the groundwater contamination and obtain a cross-sectional profile of the subsurface soils to better understand the migration potential of contamination. Our office generally approves of the work plan, however, we request that you address the following technical comments in the form of a work plan addendum and submit the technical reports requested below.

Technical Comments

1. The extent of the groundwater plume must be defined both up- and down-gradient of the site. The presence of residences adjacent to the site requires delineation to verify the potential impact to these sensitive receptors. Please add appropriate additional borings to complete this investigation. We note that the three monitoring wells represent the minimum number of wells to determine gradient and therefore, may not totally represent the site conditions.
2. We concur that the ether oxygenates should be run by EPA Method 8260. The entire suite of ether oxygenates plus the lead scavengers (EDB and EDC) should be run regardless of the concentration of MTBE detected. Please note that some ether oxygenates. All future groundwater monitoring should run the ether oxygenates using EPA 8260 not EPA 8021.
3. Our office concurs with the recommendation to sample the known domestic well located on the residential property down-gradient of the site. Please indicate the location, address and property owner of this residence and inform our office if you need us to contact the owner. We request that you perform a sensitive receptors (wells, basements, surface water, vaults, etc.) and utilities survey. We recommend that a door-to-door survey be performed since wells may have been installed without regulatory permits.

*in 2003 instead of 2002 as fuel oxygenates

Mr. Kelly Engineer
RO0002541, 1220 W. Tennyson Rd., Hayward, CA 94544
June 11, 2003
Page 2

4. We request that you sample the observation wells located within the former tank pit. These water samples should be analyzed for the same analytes as those samples from the Geoprobe borings. These wells offer information and points for potential remediation. Please include these well locations, an outline of the former UST pit and all existing and former dispenser islands on your site figures for easy reference.
5. Please provide our office with copies of the quarterly monitoring reports for the events of 11/25/02 and 2/24/03, missing from our files, and all future monitoring events.
6. Because of the elevated MTBE reported at this site, up to 59,000 ppb (parts per billion), you are required to perform interim remediation at the site. Please address this requirement in your work plan addendum. Please note future requirements will include performance of a human health and ecological risk assessment and a proposal for a Corrective Action Plan (CAP).

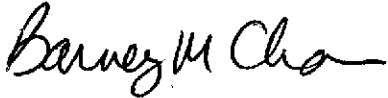
Technical Report Request

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

- July 11, 2003- Work plan addendum, requested QMRs and response to above items.
- June 30, 2003- 2nd Quarter 2003 QMR
- September 30, 2003- 3rd Quarter 2003 QMR
- December 30, 2003- 4th Quarter 2003 QMR

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. D. Dement, ACC Environmental Consultants, 7977 Capwell Drive, Suite 100,
Oakland 94621

Mr. Hugh Murphy, Hayward Fire Department, 777 B Street, Hayward, CA 94541

Mr. Paul Rosenstein, Esq., 55 Santa Clara Ave., Suite 250, Oakland, CA 94610

Ms. S. Torrence, Alco District Attorney Office, 7677 Oakport St., Suite 400,
Oakland, CA 94621

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 5, 2003

Mr. Kelly Engineer
1791 Pine Street
Concord, CA 94520

Dear Mr. Engineer:

Subject: Fuel Leak Case No. RO0002541, Five Star Auto Care, 1220 W. Tennyson Rd.,
Hayward, CA 94544

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS:

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

For purposes of implementing these sections, Exxon Co., USA c/o yourself, has been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change. In addition, our office is considering your request for site closure. Please also complete and submit a "notice of proposed action submitted to local agency" form. You may use sample letter 3, enclosed.

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

LANDOWNER NOTIFICATION

RO0002541, 1220 W. Tennyson Rd., Hayward, 94544

June 5, 2003

Page 2

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

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

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

Please call me at (510) 567-6765 should you have any questions about the content of this letter.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Attachments

cc: Betty Graham, RWQCB

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

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

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY
FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

Envision

File Edit Applications Reports Tools Setup Window Help

Case Contacts | AC0001992 | RD0002541 | FIVE STAR AUTO CARE

Record ID: AC0001992 Related ID: RD0002541 Contact ID: U0000167

Site Information FIVE STAR AUTO CARE 1220 W TENNYSON RD HAYWARD CA 94544424	Agency Information LEAD AGENCY ALAMEDA CO ENVIRONMENTAL HEALTH
---	---

Contact Information
 KELLY ENGINEER
 NA
 1791 PINE ST
 CONCORD, CA 94520

Responsible Party Type	BO	Business Owner
Primary	PRI	RP has been named a Primary RP
Owner Type	BO,PO,TO	Multiple
Organization	NA	
Contact Type	CON	RP Contact
Start Date	//	
End Date	//	

Start | [Icons] | [Inbox - MCL] | [Microsoft] | [Envision] | [ENVISION] | [System Tray] | 3:28 PM

Barney R02541

hope these additional pages help

Danny

6 June 2003



RW / 2541

Track & Confirm

Current Status

You entered 7001 0320 0002 7818 6054

Your item was refused by the addressee at 5:41 pm on June 09, 2003 in ALAMEDA, CA 94502 and is being returned to the sender. Status is updated every evening. Please check again later.

[Shipment Details >](#)

Track & Confirm

Enter label number:

[Track & Confirm FAQs <](#)

Notification Options

▶ [Track & Confirm by email](#) [What is this?](#) [Go >](#)



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ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY
Environmental Health Services Administration
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RETURNED TO SENDER

REASON CHECKED

Unclaimed _____

Attempted-Not known _____

Insufficient Address _____

No such street _____ number _____

No such office in state _____

Do not re-mail in this envelope _____

Other _____

Refuse

Kelly Engineer
1791 Pine Street
Concord, CA 94520



CITY OF HAYWARD
777 'B' STREET
HAYWARD, CA 94541-5007

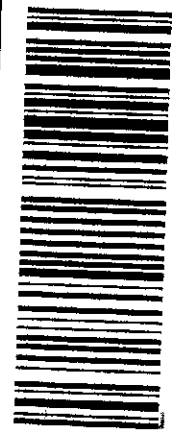
FROM: HAZARDOUS MATERIALS

DELIVER TO:

BARNEY CHAN
ALA. CO. DEPT. OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PKWY, SUITE 250
ALAMEDA, CA 94502-6577

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. HOLD AT DOTTED LINE.

CERTIFIED MAIL



7001 0320 0002 7818 6054



CITY OF
HAYWARD
HEART OF THE BAY

R02541

COPY

May 5, 2003

Mr. Kelly Engineer
Five Star Auto Care
362 Rivera Drive
Union City, CA 94587

Subject: Site Contamination Case No. RB 01- 0643
Five Star Auto Care at 1220 Tennyson Road West, Hayward

Dear Mr. Engineer:

We would like to inform you that today, we transferred oversight of the Underground Storage Tank (UST) Site Contamination Case captioned above to the Alameda County Department of Environmental Health (ACDEH). From hereon you will work with ACDEH in the investigation, delineation and remediation of the contamination until you obtain case closure. We have delivered all pertinent documents we have on this case to the ACDEH offices in Alameda.

The ACDEH will work with you on your case under its Local Oversight Program (LOP). Where we, as agents of the Regional Water Quality Control Board (RWQCB) could only recommend closure of your case to the RWQCB who grants final closure, the ACDEH can and does directly grant final closure to cases under their LOP.

Your contact at ACDEH is -

Scott Seery, Hazardous Materials Specialist
Local Oversight Program
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502
Tel: (510) 567-6700

If you have any questions, please call us at (510) 583-4925.

Sincerely,


Danilo M. Galang
Environmental Specialist

Copy: ✓ACDEH

20-2541

HAYWARD FIRE DEPARTMENT
Transfer of Local Oversight Case (LUFT) To
Alameda County Department of Environmental Health

RB File No: 01-0643

Date Transferred: 4/30/03

Site Name: FIVE STAR AUTO CARE

Site Address: 1220 Tennyson Road West Hayward, CA 94544

BASIC CASE INFORMATION:

(1) Tank(s) Removed? Y N If YES, How Many? 4
When? 10/10/90

(2) Material Released:

- Avgas Leaded Gas Unleaded Gas Fuel Oil Jet Fuel
- Diesel Waste Oil Kerosene Other Solvent

(3) Verification Samples Received? Y N If YES, Give *Maximum* Contamination Levels:

	TPH-G	TPH-D	BTEX	MEPE	OTHER
In Soil (ppm):	<u>4,300</u>	<u>29000; 160000</u>	<u>68000; 280000</u>		<u>at Riviera</u>
In Water (ppb):	<u>59,000</u>	<u>13000; 12000</u>	<u>1600; 13000</u>		<u>on 4/7/92</u>

Name of Responsible Party (RP): KELLY ENGINEER, OWNER/OPERATOR

Contact: _____

RP is: Tank Owner Tank Operator Property Owner

Contact Address for Responsible Party: 362 RIVIERA DR.
UNION CITY, CA 94587
Tel: 782-5010



CITY OF
HAYWARD
HEART OF THE BAY

July 17, 2002

Mr. Kelly Engineer
1220 Tennyson Road, West
Hayward, Ca 94544

Mrs. Perrin Engineer
362 Riviera Drive
Union City, CA 94587

Dear Mr. and Mrs. Engineer:

Subject: Notice of Revocation of Permit to Operate Underground Storage Tanks
All Star, Inc. dba All American Oil, 1220 Tennyson Road, West, Hayward, CA

Your facility is out of compliance with California state law requirements for maintaining an underground storage tank permit. Under authority of the California Fire Code, Section 103.4 and the Health & Safety Code, Section 25285.1, your underground storage tank operating permit is hereby revoked. Fuel dispensing operations must stop *immediately* and the fuel tanks must be emptied of fuel by a qualified professional. The following violations must be corrected before an underground storage tank operating permit can be issued:

1. Proof of financial responsibility for the cleanup of leaking underground storage tank systems.
2. Current hazardous materials business plan.
3. Underground storage tank fees and application are overdue.
4. A completed groundwater investigation related to the previous leaking underground storage tank.
5. Failure to submit written agreement between tank owner and operator.

Please note that under the California Health & Safety Code, Section 25299, the owner/operator of an underground tank system shall be liable for civil penalties of

FIRE DEPARTMENT

777 B STREET, HAYWARD, CA 94541-5007
TEL: 510/583-4900 • FAX: 510/583-3640 • TDD: 510/247-3340

Notice of Revocation
July 17, 2002
Page 2 of 2

not less than five hundred dollars (\$500) and not more than five thousand dollars (\$5,000) per day per underground storage tank including, but not limited to, operating an underground storage tank without a permit.

If there are any questions, contact the City of Hayward Fire Department, Hazardous Materials Office at (510) 583-4910.

Sincerely,



Hugh Murphy
Hazardous Materials Program Coordinator

Notified of permit revocation on: _____ by: _____

cc: Larry Arfsten, Fire Chief
Dean Montevago, Fire Marshal
Danilo Galang, Environmental Specialist
Steven Buscovich, Hazardous Materials Investigator
Susan Torrance, Alameda County District Attorney's Office

RECEIVED BY
HAZARDOUS MATERIALS OFFICE

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

JUL 14 1992

EMERGENCY YES NO HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? YES 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 07/01/92 HAYWARD FIRE DEPARTMENT CASE # 7/14/92 SIGNED: [Signature] DATE

REPORTED BY NAME OF INDIVIDUAL FILING REPORT Kelly Engineer PHONE 510 782-5010 SIGNATURE Kelly Engineer
 REPRESENTING OWNER/OPERATOR REGIONAL BOARD COMPANY OR AGENCY NAME
 LOCAL AGENCY OTHER

RESPONSIBLE PARTY ADDRESS 1220 W. Tennyson Rd. CITY Hayward STATE CA 94544
 NAME Kelly Engineer UNKNOWN CONTACT PERSON Philrose Engineer PHONE 510 538-7949
 ADDRESS 362 Riviera Dr. CITY Union City STATE CA 94587

SITE LOCATION FACILITY NAME (IF APPLICABLE) Value Gas / Five Star Oil OPERATOR Kelly Engineer PHONE 510 782-5010
 ADDRESS 1220 W Tennyson CITY Hayward COUNTY Alameda 94544
 CROSS STREET Pump 4 no St.

IMPLEMENTING AGENCIES LOCAL AGENCY Hayward City Fire-Hazardous Mat. AGENCY NAME Hugh Murphy PHONE 510 293-8695
 REGIONAL BOARD CA-Regional Water Quality Control Steven Hill PHONE ()

SUBSTANCES INVOLVED (1) TPH-G, Benzene, Toluene, Ethyl Benzene QUANTITY LOST (GALLONS) UNKNOWN
 (2) Total Leach EPA 7421 UNKNOWN

DISCOVERY/ABATEMENT DATE DISCOVERED 10/23/90 HOW DISCOVERED INVENTORY CONTROL SUBSURFACE MONITORING NUISANCE CONDITIONS
 TANK TEST TANK REMOVAL OTHER
 DATE DISCHARGE BEGAN UNKNOWN METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
 REMOVE CONTENTS CLOSE TANK & REMOVE REPAIR PIPING
 REPAIR TANK CLOSE TANK & FILL IN PLACE CHANGE PROCEDURE
 HAS DISCHARGE BEEN STOPPED? YES NO IF YES, DATE 10/23/90 REPLACE TANK OTHER Replace Piping

SOURCE/CAUSE SOURCE OF DISCHARGE TANK LEAK UNKNOWN OVERFILL RUPTURE/FAILURE SPILL
 PIPING LEAK OTHER CORROSION UNKNOWN OTHER

CASE TYPE CHECK ONE ONLY UNDETERMINED SOIL ONLY GROUNDWATER DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS CHECK ONE ONLY NO ACTION TAKEN PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED POLLUTION CHARACTERIZATION
 LEAK BEING CONFIRMED PRELIMINARY SITE ASSESSMENT UNDERWAY POST CLEANUP MONITORING IN PROGRESS
 REMEDIATION PLAN CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) CLEANUP UNDERWAY

REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) EXCAVATE & DISPOSE (ED) REMOVE FREE PRODUCT (FP) ENHANCED BIO DEGRADATION (IT)
 CAP SITE (CD) EXCAVATE & TREAT (ET) PUMP & TREAT GROUNDWATER (GT) REPLACE SUPPLY (RS)
 CONTAINMENT BARRIER (CB) NO ACTION REQUIRED (NA) TREATMENT AT HOOKUP (HU) VENT SOIL (VS)
 VACUUM EXTRACT (VE) OTHER (OT)

COMMENTS

202541

1990 10/10/90

4 USTs 3-4K, 1-6K gasoline removed

GW w/ sheen observed @ ~12'

Soil contam up to 4300 ppm TPHs 29/160/68/280 ppm BTEX

GW 26,000 ppb TPHs, 2400, 1800, ND, 5200 ppb BTEX

3/25/91 WP for:

• Soil exc

• install 3 wells + gw spring (Beta Env)

12/31/91 re-submittal modified wp (Artesian Env)

• drill wells

• pump out tank pit & sample captrng every 15 linear'

WP accepted 1/12/92 by HM.

3/3/92 3 mws installed to depth of 19.5 - 22.5' bgs

+ 9 soil sples (P-1 thru P-9) around exc pit sidewall (11-12' bgs)

GW encountered @ 13-15', grad - SE,

wells screened to bottom 10' of well

- Residual soil contamination in P-1, P-2 & P-9

MW3 most impacted well

DTW ~ 10-11' (Stabilized)

QMR - 9/20/02 ^{sp1e} (7/16/01) Also sampled OB-2 (obs well) - location not noted

TPHs 65,000 ppb, X-1200 ppb, MTBE 100,000 ppb (8020)

QMR 12/11/02 (sp1ed 11/25/02) ~ 16 mos after 7/16/01 event

TPHs & MW1 & MW2

Gradient South

MTBE & MW1 & MW2 (20,000 ppb)

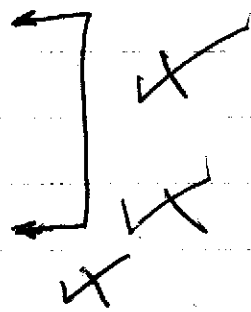
& 4000 ppb in MW3

~~Missing QMRs (11/10/01)~~

in 12/11/02 - City of Hayward requested add'l site visit

Requirements for WP

- o Run ether oxys by 8260 ✓
- o locate & sample observation wells ^{location of former} ✓
- o site maps should include for UST pits + USTS, + pump islands. ✓
- o delineate extent of TPH + ether oxys. (on & off site) ✓
- o Consider interim remediation - for MTBE ✓
- o " & CAP for MTBE
- o copies of all correspondence (from City of Hayward) - none
- o copies of 11/25/02 & 2/24/03 OMRs ✓
- o Need to continue OMRs. ✓
- o provide sensitive receptor & utilities survey
- o Run all ether oxys ^{+ SDB + EOC} regardless of MTBE conc.
- o HARA?
- o Identify location of irrigation well.
- o Recommend more borings to delineate plume





CITY OF HAYWARD . FIRE DEPARTMENT

September 6, 1990

Kelley Engineer
Five Star
1220 W. Tennyson Road
Hayward, Ca 94544

Alameda County
JUN 13 2003
Environmental Health

Dear Mr. Engineer:

This letter is to notify you that a hazardous situation exists in groundwater within 100 yards of your facility. The source may be a result of activities associated with hazardous materials use or storage on your premisses.

HISTORY

On August 31, 1990, I investigated a complaint on Pompano Avenue that a backyard groundwater well was contaminated with petroleum products. Upon investigation, the well water appeared to be contaminated with a gasoline-like substance. During my investigation, I discovered that your business was the closest possible source of the contamination.

On the same day, I told you that an investigation to determine if your underground tanks were the source of contamination would be required on Tuesday and that we would have to talk on that day regarding the details. On Tuesday and Wednesday, I contacted the two telephone numbers that you provided to me. The first, Mr. Damussia's telephone number (786-0370), I contacted eight times with no answer. The second, which you identified as your home telephone number (782-0370), I called five times. Each time I called this number, a person from your service station answered and denied knowing how to get in contact with you. Mr. Hussaini at this telephone number told me he was directed by you not to give out your telephone number to anyone, even if the fire or the police department were to come in person and request it. Since other letters sent registered mail to him were not claimed, I asked Mr. Hussaini if he would accept a letter if I were to deliver it in person. He said he was just someone who worked there in the shop and not a person of responsibility and he would not accept the letter. After this final conversation with Mr. Hussaini on Wednesday afternoon, he contacted you and you called my office. You indicated that Mr. Hussaini is, in fact, a responsible party and that he was an officer in the corporation that operates the station. You also told me that you were considering, with your lawyer, filing for Chapter 11 and that you may have problems getting a company to do work testing the tank systems because you were filing for bankruptcy.

The above interaction with you and your employees, along with the following, indicate that you are not demonstrating good faith in trying to resolve this immediate issue or any other environmental compliance issues:

- a) not submitting required information to our department or the Regional Water Quality Control Board demonstrating that your tank is not a source of the contamination (i.e., tank monitoring results, precision tests results);
- b) not supplying a path of communication (i.e., refusing to accept a notice of violation mail from this Department, not allowing employees to supply phone numbers to this department);
- c) a history of non compliance to this department (i.e., never obtaining an annual hazardous materials permit, never submitting a Hazardous Materials Management Plan, never providing a monitoring plan for the underground tank system);
- d) a history of noncompliance with other agencies (i.e., City of Hayward Business License Department, Bay Area Air Quality Management District, Alameda County Health Agency, City of Hayward Zoning Department); and
- e) possible violation of release reporting requirements - Chapter 6.95 of Health and Safety Code and Chapter 6.6 of Health and Safety Code (Proposition 65).

REQUIREMENT

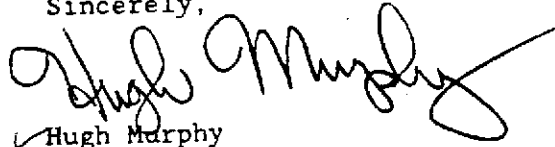
As a result of the immediate hazardous situation existing in an active groundwater aquifer and a demonstrated lack of past or current environmental compliance with this agency by you or other representatives of your business, on September 13, 1990, under the authority of the Fire Department, gas and electric power will be terminated at your facility on 1220 West Tennyson Road if you do not respond in writing regarding all the issues on the attached notice of violation:

In addition, you must submit proof that your tank systems are not the source of contamination by providing:

- a) results of a precision tank test for all tanks with in two weeks, and
- b) a plan for the installation of a groundwater monitoring well must be submitted to this office and the Regional Water Quality Control Board and the well must be installed within 30 days.

If you have any questions regarding this letter, please feel free to contact me at 784-8695

Sincerely,



Hugh Murphy
Environmental Specialist

HM/llt

Attachment

cc: Steve Faelz, Hazardous Materials Coordinator
Paul Valencia, Captain
Steve Montevago, Assistant Fire Marshal
Ed Franke, Fire Marshal
John Hutchins, Deputy Fire Chief
Jay Swardenski, Hazardous Materials Investigator
Bob Gillis, Detective
Richard Hielt, Regional Water Quality Control Board
Ravi Arulanantham, Alameda County Health Agency
Gilbert Jensen, Alameda County District Attorney
Hector Dumasia, Business Owner
Mozy Hussaini, Business Manager/Corporate Officer
Perrine P. Engineer, Business License Applicant

Frank Labrada - 792-2685
new system 30 year new system

27659 Pampano Ave
30 ft down sand and gravel
water at 10'

- only for garden

today

well installed 1977
20' deep - uses it 2x a week

- more in summer
for garden

11' deep - static water level
2 years ago measured

25 year sowner says

Monday morning - Friday afternoon

27629 Pampano
Lawrence Murphy + time

2 wells do

Cortece street

30'

Jesus Estrada

Old gas system
y meter
class 12x
class 100

Montilla

Gas Station

Pampano

Gran A-80

Former bus station

Tennyson

Alan

JUN 13 2003

Environmental Health

Housen

464-1043

Mark Idensen

469-0305

Diane Henz

464-0629