

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02873

May 24, 1991

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

Ms. Elaine J. Lavine
ARCO Products Co.
P.O. Box 5811
San Mateo, CA 94402

Re: Completed investigation of September 1990 pipeline leak at
ARCO #498, 286 S. Livermore Ave., Livermore

Dear Ms. Lavine:

As you're aware, a minor leak was found in the premium unleaded pipeline at the above facility in September 1990. This office, in a December 10, 1990 letter, requested information on the incident, including how much product was released and what pipe repair and remediation steps had been taken. Based on the information you submitted in January 1991, we have determined that there was no release to the environment as a result of this pipe leak, since the pipe is double-contained and only about 1 oz. of gasoline was reported to have leaked. In addition, the offending pipe joint was replaced, after which the system passed a second precision test.

Based on the information outlined above, no further investigation or remediation associated with this incident are needed at this time. Please be aware that this does not free present or future landowners or operators from cleanup responsibilities in the event that new information indicates a pollutant problem on the site or originating from the site.

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

Sincerely,

Gil Wistar
Hazardous Materials Specialist

cc: Danielle Stefani, Livermore Fire Department
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Rafat A. Shahid, Asst. Agency Director, Environmental Health
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02873

December 10, 1990

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

Ms. Elaine Lavine
ARCO Products Co.
P.O. Box 5811 (Environmental Compliance Dept.)
San Mateo, CA 94402

**RE: Unauthorized release at ARCO #498, 286 South Livermore Ave.,
Livermore**

Dear Ms. Lavine:

On September 26, 1990, you notified this office by telephone of a problem in the premium unleaded system at the above station, which turned out to be a leak in the pipeline. As a result, ARCO filed an Unauthorized Release form, repaired the leaking pipeline, and repaved the asphalt area over the pipeline. This office has received a copy of the precision leak test performed on the premium unleaded system (as well as the regular and unleaded systems), which shows that as of November 13, all tanks and pipelines tested as "tight."

So it appears that the source of release has been corrected at this facility. However, ARCO has submitted no information on the extent of the release from the leaking pipeline. We need to know the circumstances surrounding the pipeline leak/repair, such as the following:

- whether any contaminated soil was removed during excavation, and if so, how it was handled;
- whether any soil samples were collected below the area of suspected contamination, and analyzed at a state-certified laboratory; and
- how long the pipeline was actually leaking and approximately how much gasoline was released into the environment.

Therefore, we are requesting that ARCO submit to this office a report detailing the restoration work done at the site and how environmental aspects were addressed. In addition, please submit to this office a copy of daily inventory reconciliation records for the premium unleaded tank system, between July 1, 1990 and September 30, 1990.

Finally, as you're aware, any time there is an unauthorized release to soil, there is always the possibility that hydrocarbons have migrated to groundwater. Based on the extent of the release, monitoring wells may be required at the site. Taking into account this concern as well as the questions raised above, we are requiring

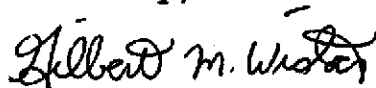
Ms. Elaine Lavine
December 10, 1990
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that ARCO submit a combined soil investigation report and work plan for further environmental assessment at the site. This report/work plan (along with the daily inventory reconciliation records) are due to this office by **January 18, 1991**. By this same date, please remit a deposit of \$400, made out Alameda County, to cover our time for project oversight.

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

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

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: Steve Krause, Prestige Stations, Inc. (P.O. Box 6225, Artesia,
CA 90702)
Randy Griffith, Livermore Fire Dept.
Howard Hatayama, DOHS
Lester Feldman, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Division
Rafat Shahid, Asst. Agency Director, Environmental Health
files

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ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R02873

December 7, 1990

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

Ms. Doreen P. Meyer
Environmental Specialist
Harding Lawson Associates
1355 Willow Way, Suite 109
Concord, CA 94520

Dear Ms. Meyer:

In a letter to this office dated November 19, 1990, as well as in subsequent telephone conversations, you requested information on the following locations in Livermore:

- (R01056) 1. J & W Development, 2920 4th St. (after July 1989).
- (R02881) 2. Texaco service station, 4186 East Ave.
3. Allan Hyne, 792 S. I St.
- (R02873) 4. Arco filling station, 286 S. Livermore Ave.
- (R0769, R02525) 5. Shell service station, 318 S. Livermore Ave.
6. Clifford Bates, 887 S. Livermore Ave.
- (R0904) 7. Unocal service station, 900 S. Livermore Ave. (after Feb. 1988)
8. Bud's Backhoe Service, 2060 S. Livermore Ave.
9. Hexcel, 10 Trevarno Rd. (information on groundwater plume).

In response, the Hazardous Materials Division has reviewed its hazardous waste generator, underground tank, Hazardous Materials Management Plan, and emergency response files for each of these sites. Pertinent information is outlined below, by site.

(R01056) J & W Development, 2920 4th St.

This site has had widespread soil contamination, resulting from the leakage of three underground storage tanks. The one diesel and two gasoline tanks were removed in July 1989, after which high levels of hydrocarbons were found beneath and adjacent to them. Diesel appeared to be the most prevalent hydrocarbon, and extended to a depth of about 35 feet below ground surface. Excavation in early 1990 to remove all contaminated soil resulted in the stockpiling of approximately 1,500 cubic yards; this soil was bioremediated over the spring and summer of 1990 on site, using "landfarming." This effort succeeded, since hydrocarbon levels in these soils have been reduced to "ND," and the soil has been replaced in the excavated pits. Groundwater is estimated to be at a depth of 60-65 feet; while there is no information available on whether groundwater has been affected, monitoring wells will be installed in the future.

(R02881) Texaco, 4186 East Ave.

This service station has six underground storage tanks, five gasoline and one waste oil. Our office last inspected the site in May 1990;

Ms. Doreen P. Meyer
December 7, 1990
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violations noted at the time were inadequate tank monitoring and recordkeeping, and lack of documentation for precision leak tests and daily inventory reconciliation. There is no information in the file regarding any unauthorized releases.

792 S. I St.

At this site there is a 550-gallon diesel underground tank that was installed in 1974. The owner is not currently using it. This office issued the owner/operator an interim operating permit in March 1988, with the last inspection taking place in October 1988. There are no records on file of precision leak tests or inventory reconciliation, nor is there any information on unauthorized releases.

(R02873) Arco, 286 S. Livermore Ave.

This is a "minimart" with three underground tanks. These tanks passed precision leak tests in March 1988 and March 1989. A leak was found in the supreme unleaded pipeline on September 25, 1990, after which Arco repaired the line and conducted a precision leak test of this and the other two tank systems. On November 13, all systems appeared tight, and the station has returned to business as usual. An investigation is planned for soil and possible groundwater contamination.

(R076A) Shell, 318 S. Livermore Ave.

(R02525) At this site, an operating service station, the waste oil tank was removed and replaced with a new one in August 1987; then, in December 1989, the four gasoline tanks were removed and replaced with three new tanks. According to file documents, less than 100 ppm of hydrocarbons were found beneath the waste oil tank, but up to 870 ppm of TPH-G was found beneath the gasoline tanks. Prior to the installation of the new gasoline tanks, additional soil was removed; after the new tanks went into operation, Shell's consultant drilled four soil borings that were converted to monitoring wells; nothing was detected in either the soil or water samples from these holes (collected and analyzed June 1990).

887 S. Livermore Ave.

One 550-gallon gasoline tank was removed from this residence in March 1990. Because no contamination was found in samples collected from beneath the tank, this office issued a "no further action" letter to the property owner.

(R0904) Former Unocal, 900 S. Livermore Ave.

This site is currently vacant, with all underground tanks at the site having been removed in 1987. The file information for early 1988

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consists of a consultant's report to Unocal dated February 11, 1988. This report makes the following points:

- Additional excavation of the former waste oil pit occurred to a depth of about 9 feet, where the soil appeared clean;
- About 60 cubic yards of contaminated soil from this pit was hauled to a Class I disposal site; and
- Groundwater is estimated at a depth of 30 feet, but no wells were installed to test the water.

There are no other reports on this site to date.

Bud's Backhoe Service, 2060 S. Livermore Ave.

This is an unpaved contractor's staging yard behind a small horse ranch. There is surface storage of oils, solvent, and above-ground fuel tanks. The site is recorded as having two underground tanks, but there is no file on any underground tanks, and based on a site visit November 27, 1990 (no one was around), there appeared to be no USTs on the property.

Hexcel, 10 Trevarno Rd. 

This site is complex, with the RI/FS taking place under the oversight of the Regional Water Quality Control Board. The plume of contaminated groundwater has not been fully defined. Enclosed are several figures and a table, that provide some information on well locations and contaminants found in them.

This letter contains information limited to files in this office, and does not reflect data that may be available from other agencies or parties. You will be billed for provision of this service at the rate of \$60 per hour; enclosed is a copy of the invoice sent to our Billing Department. If you have any questions concerning this letter, please contact the undersigned at 271-4320.

Sincerely,

Gilbert M. Wistar

Gil Wistar
Hazardous Materials Specialist

Enclosures

c: Rafat A. Shahid, Asst. Agency Director, Environmental Health files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



R02525 > (318 S. Livermore)

R0769

✓R02873 (286 S. Livermore)

Telephone Number: (415) 271-4320

June 7, 1988

Raney Geotechnical
2799 "B" Del Monte St.
W. Sacramento, CA 95691
Attn: Mike Gereghty

SUBJECT: SITE SEARCH - SOUTHWEST CORNER OF S. LIVERMORE RD. AND
COLLEGE AVENUE IN LIVERMORE, CALIFORNIA

Dear Mr. Gereghty:

As requested, we have searched our files for any records we may have for the sites listed in your April 26, 1988 letter.

The following is a summary of information available to this department and does not reflect other information which may be available from other agencies or parties.

Arco Station (286 S. Livermore Avenue)
- Three (3) Underground Fuel Storage Tanks
- One (1) Waste Oil Tank

Shell Oil Co. (318 S. Livermore)
- One (1) Waste Oil Tank

You will be billed for the provision of the service.

Should you have any questions regarding this letter, please contact Lizabeth Rose, Hazardous Materials Specialist at 271-4320.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:LR:mam