

Ultramar

ENVIRONMENTAL
PROTECTION

Ultramar, Inc.
P.O. Box 466
525 W. Third Street
Hanford, CA 93232-0466
(209) 582-0241

96 DEC 17 AM 9:50

Telecopy: 209-585-5685 Credit
209-583-3330 Administrative
209-583-3302 Information Services
209-583-3358 Accounting

December 13, 1996

*Include analysis for MTBE - see
AMR dated Aug 1996 -
2 events (3/96 + 6/96) were
< Detect limit for MTBE*

Ms. Eva Chu
Department of Environmental Health
Alameda County Health Care Services
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

**SUBJECT: BEACON STATION NO. 604, 1619 FIRST STREET, LIVERMORE,
CALIFORNIA**

Dear Ms. Chu:

Enclosed is a copy of the **Third Quarter 1996 Ground Water Monitoring Report** for the above-referenced Ultramar facility. Also included is a copy of the Quarterly Status Report which describes the work completed this quarter and the work anticipated to be completed next quarter.

The wells were also sampled for biodegradation parameters this quarter. Results indicate that the upgradient well MW-1 contained a higher nitrate concentration than the wells within the plume. This suggests that some natural biodegradation is taking place along with the active remediation.

Please call if you have any questions regarding this site.

Sincerely,

ULTRAMAR INC.

Terrence A. Fox

Terrence A. Fox
Senior Project Manager
Marketing Environmental Department

cc: Mr. Cecil Fox, San Francisco Bay Region, RWQCB
Mr. Jim Ellis, Ellis Partners Inc., 351 California Street, Suite 1120,
San Francisco, CA 94104
Mr. Leon Crane, GCL



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BEACON
#1 Quality and Service

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ENVIRONMENTAL PROJECT QUARTERLY STATUS REPORT

DATE REPORT SUBMITTED: December 13, 1996
QUARTER ENDING: September 30, 1996

SERVICE STATION NO.: 604
ADDRESS: 1619 First Street, Livermore, CA
COUNTY: Alameda
ULTRAMAR CONTACT: Terrence A. Fox

TEL. NO: 209-583-5545

BACKGROUND:

In November 1992, three underground storage tanks were removed. Hydrocarbons were detected and the excavation was extended to a depth of 27 feet in the southwest corner. Hydrocarbons were detected in the sample collected from the base of the overexcavation.

In May and June 1993, three monitoring wells (MW-1 through MW-3), three vapor wells (VW-1 through VW-3), and one boring were drilled. The soil plume has been defined.

The site has been placed on a quarterly monitoring program.

In March 29 and 30, 1994, four additional offsite wells (MW-4 through MW-7) were installed. The ground-water plume is not defined downgradient.

In June 1994, performed assessment on the Livermore Arcade Shopping Center Property by drilling borings and collecting ground-water samples using a Hydropunch tool.

In June 1994, performed vapor extraction and ground-water extraction tests.

In September and October 1995, installed of vapor extraction and air sparging wells.



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SUMMARY OF THIS QUARTER'S ACTIVITIES:

Performed quarterly monitoring on September 16, 1996. Continued to operate remediation system.

RESULT OF QUARTERLY MONITORING:

Monitoring data indicates that the benzene concentration increased in MW-1 from not detected to 70 ppb and in MW-7 from 98 ppb to 140 ppb. The benzene concentration decreased in MW-2 from 7,300 ppb to 510 ppb, in MW-5 from 38 ppb to 29 ppb, and in MW-6 from 8,600 ppb to 6,400 ppb. MW-3 and MW-4 were not sampled this quarter.

PROPOSED ACTIVITY OR WORK FOR NEXT QUARTER:

<u>ACTIVITY</u>	<u>ESTIMATED COMPLETION DATE</u>
Continue quarterly monitoring program.	
Continue to operate the of remediation system.	