

✓
10/14/92

Ultramar

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

92 OCT 13 PM 2:25

Telecopy: 209-584-6113 Credit & Wholesale
209-583-3330 Administrative
209-583-3302 Information Services
209-583-3358 Accounting

October 12, 1992

Mr. Jeff Shapiro
Alameda County Department of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

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

Dear Mr. Shapiro:

Enclosed for your review is a copy of the Soil Management Plan for the underground storage tank (UST) replacement at the above-referenced site which is scheduled for the first week in November 1992.

SITE DESCRIPTION

The site is an active gasoline service station that presently has one 10,000-gallon tank which is used to store unleaded gasoline and two 8,000-gallon tanks which are used to store premium unleaded and unleaded plus gasolines. In the past the unleaded plus tank was used to store regular ~~leaded~~ gasoline.

TANK EXCAVATION, SAMPLING, AND ANALYSIS

After the removal of the underground storage tanks, all the backfill material will be removed. One soil sample will be collected from below both ends of each UST from the bottom of the tank excavation, for a total of six (6) soil samples. The soil samples will be collected 2 feet into native soil, which is approximately 15 feet below grade. The soil samples will be delivered under chain-of-custody to a state-certified analytical laboratory to be analyzed for total petroleum hydrocarbons (TPH) as gasoline using Cal EPA approved methods (EPA 8015-modified), and benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8020.

AND Total Lead



A Member of the Ultramar Group of Companies

BEACON
#1 Quality and Service

SOIL EXCAVATION, SAMPLING, AND ANALYSIS

It is proposed that the material excavated from the tank basin be segregated into "clean" and "dirty" stockpiles based on field photoionization detector readings and observations. "Clean" and "dirty" soil will be stockpiled and covered by plastic. The excavated soil samples will be collected within 24 hours of stockpiling. Four point soil samples will be collected for every 50 cubic yards and composited into one sample for analyses. The soil samples will be analyzed for BTEX, TPH as gasoline, and total lead. The results of the laboratory analyses will be scheduled to be available 1 day from the time the laboratory receives the soil samples.

SOIL TREATMENT AND DISPOSAL

If concentrations are below that specified by the San Joaquin County Air Pollution Control District' guidelines, and with the approval of the Alameda County Department of Environmental Health, the stockpiled soil will be transported to Ultramar's Hanford facility for aeration. Once the concentrations are sufficiently low to be acceptable to Kings County, the soil will be used as backfill at the Hanford facility or transported to a local Class III landfill for disposal.

is this side under S.J. Air Bd

is this a permitted treatment facility

OVER-EXCAVATION

The tank basin will be excavated vertically to a depth of approximately 13 feet below grade. The existing tank basin will be enlarged to accommodate the new tanks scheduled to be installed. The new tanks consist of one 12,000-gallon and two 10,000-gallon tanks. Due to the proximity of the street and the station structures the tank basin will be shored.

Based on data from a nearby site, ground water should be present at approximately 50 feet below grade beneath the site. If petroleum-impacted soil is detected at the base of the tank basin, then the basin will be over-excavated until the vertical extent is reached or the practical limit of the equipment is reached.

Due to the presence of the shoring, the tank basin will not be over-excavated horizontally except for that needed to accommodate the installation of the new tanks.

Page 3
Station No. 604
Livermore, California

Please call if you have any questions regarding this site.

Sincerely,

ULTRAMAR INC.



Terrence A. Fox
Senior Project Manager

cc: [REDACTED], Alameda County Department of Environmental Health