

1252 Quarry Lane  
Pleasanton, CA 94566  
(415) 426-2600  
Fax (415) 426-0106

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

July 11, 1990

Clayton Project No. 29196.00

Ms. Cynthia Chapman  
ALAMEDA COUNTY HEALTH DEPARTMENT  
Hazardous Materials  
80 Swan Way, Suite 200  
Oakland, CA 94621

**Subject:** Addendum to Work Plan for Subsurface Investigation at the Former  
Texaco Station at the Corner of Park Street and Shore Line Drive in  
Alameda, California

Dear Ms. Chapman:

This letter is an addendum to our original work plan for investigation of soils and groundwater that may have been affected by leaks from former underground storage tanks (USTs) at the Harsch Investment Corporation property that is located at the north corner of Park Street and Shore Line Drive.

Our original work plan for subsurface investigation at this site, dated May 23, 1990, was sent to Mr. Ari Levi, who was the case officer at that time. Mr. Levi gave us verbal approval to drill five boreholes, take five soil samples, and convert the boreholes to monitoring wells, which we did on June 11 and 12, 1990. We also developed these wells and collected five groundwater samples from them on June 22, 1990.

The results of analyses of the soil samples indicate that the soil is not significantly affected by hydrocarbon constituents. However, the groundwater has been affected. Because groundwater in the vicinity of the former USTs occurs at approximately five feet, we believe that the USTs may have been sitting within the groundwater zone and the soils may not have been affected by hydrocarbon constituents.

29196-2 wp

Ms. Cynthia Chapman  
July 11, 1990  
Page 2

In Task 5 of our original work plan, we proposed to excavate soils that may be identified as contaminated during borehole installation and soil sampling. Because we have not identified significant levels of petroleum hydrocarbons in the soils we are proposing to excavate some trenches with a backhoe in the vicinity of the former USTs to confirm that the soils have been affected before beginning soil excavation.

We propose to put the trenches across the former UST locations, approximately 5 feet deep. Soil will be visually inspected and screened with a photo ionization meter in the field. We will sample soil that appears contaminated and analyze it for the following:

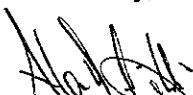
- Volatile hydrocarbons and gasoline using EPA Method 5030/8015
- Diesel fuel using EPA Method 3550/8015
- Waste oil using EPA Method 418.1

If the laboratory analyses do not detect concentrations of petroleum hydrocarbons, or detect them below state action levels, Clayton will proceed to develop a groundwater treatment plan for your review.

We will call you in a few days to discuss this case with you and arrange a time to meet you at the site. Our client, Harsch, is anxious for written authorization from you to proceed with this work plan because the City of Alameda Planning Department is requiring it before issuing a permanent Certificate of Occupancy for the property adjacent to the subject site. (The Planning Department recently granted a 90-day, temporary Certificate of Occupancy.)

If you have any questions please call me at (415) 426-2676 or Ms. Laurene Compton, Clayton project geologist, at (415) 426-2671.

Sincerely,



Alan D. Gibbs, R.G.  
Supervisor, Geology Group  
Western Operations

cc: Joseph Munyer