



centurywest
ENGINEERING CORPORATION

STUDY (897)
ALL

April 9, 1997

Mr. Abdo Hussin
Gateway Liquors
5944 San Pablo Avenue
Oakland, California 94609

SUBJECT: Work Plan to Perform Soil Boring Investigation, Gateway Liquors UST Site, 5944 San Pablo Avenue, Oakland, California, CWEC Job # 20605-001-01

Dear Mr. Hussin:

Century West Engineering Corporation (CWEC) has prepared this Work Plan on behalf of Gateway Liquors to perform a soil boring investigation at the subject site shown on Figure 1. This Work Plan is for drilling and sampling one soil boring in a westerly direction from the former location of a 500-gallon underground storage tank (UST) at the site.

BACKGROUND

The subject site is located at 5944 San Pablo Ave., Oakland California. In January of 1994, two Underground Storage Tanks (USTs), one 300 gallon and one 500 gallon, were removed from the site. Subsequent soil sampling after removal of the tanks indicated the presence of diesel and kerosene range hydrocarbons beneath the site.

SCOPE OF WORK

Mobilization

- Alameda County Health Services Agency (ACHSA) will be notified a minimum of three days in advance of drilling.

97 APR 11 PM 3:53
ENVIRONMENTAL PROTECTION

LEADING THROUGH EFFECTIVE SOLUTIONS

7950 Dublin Blvd., Suite 203 Dublin, California 94568 Phone: (510) 551-7774 FAX: (510) 551-7776

April 9, 1997
Mr. Abdo Hussin
Work Plan to Perform Soil Boring Investigation, Gateway Liquors

Drilling and Sampling of Soil Borings

One soil boring will be drilled to an approximate depth of 10-feet below ground surface (bgs). The soil boring will be drilled using a hand auger. Soils will be logged in accordance with the Unified Soil Classification System. One soil sample will be collected at 10-feet bgs. The samples will then be labeled and stored appropriately for transportation to an analytical laboratory for chemical analysis.

If possible, a grab groundwater sample will be collected from the boring in appropriate containers using a disposable PVC bailer. Each container will be labeled and stored appropriately for transportation to an analytical laboratory under chain of custody. Following the collection of soil and groundwater samples, the boring will be grouted with Portland cement.

Laboratory Analysis

One soil and one grab groundwater sample will be analyzed for total petroleum hydrocarbons quantified as gasoline (TPH-G) by EPA Method 8015 Modified, total petroleum hydrocarbons quantified as diesel/kerosine (TPH-D/TPH-K) by EPA Method 8015 Modified, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8020.

Report

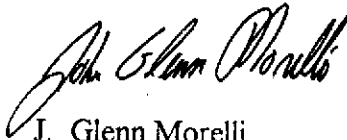
A soil boring investigation report will be prepared following the completion of field work and receipt of analytical reports. This report will describe the scope of work, sampling methodology, and results of laboratory analyses. It will also include a detailed and scaled map of the site. Laboratory analytical results and quality control documentation will be appended.

April 9, 1997
Mr. Abdo Hussin
Work Plan to Perform Soil Boring Investigation, Gateway Liquors

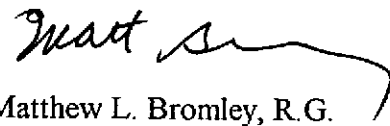
If you have any questions please call us at (510) 551-7774.

Sincerely,

Century West Engineering Corporation



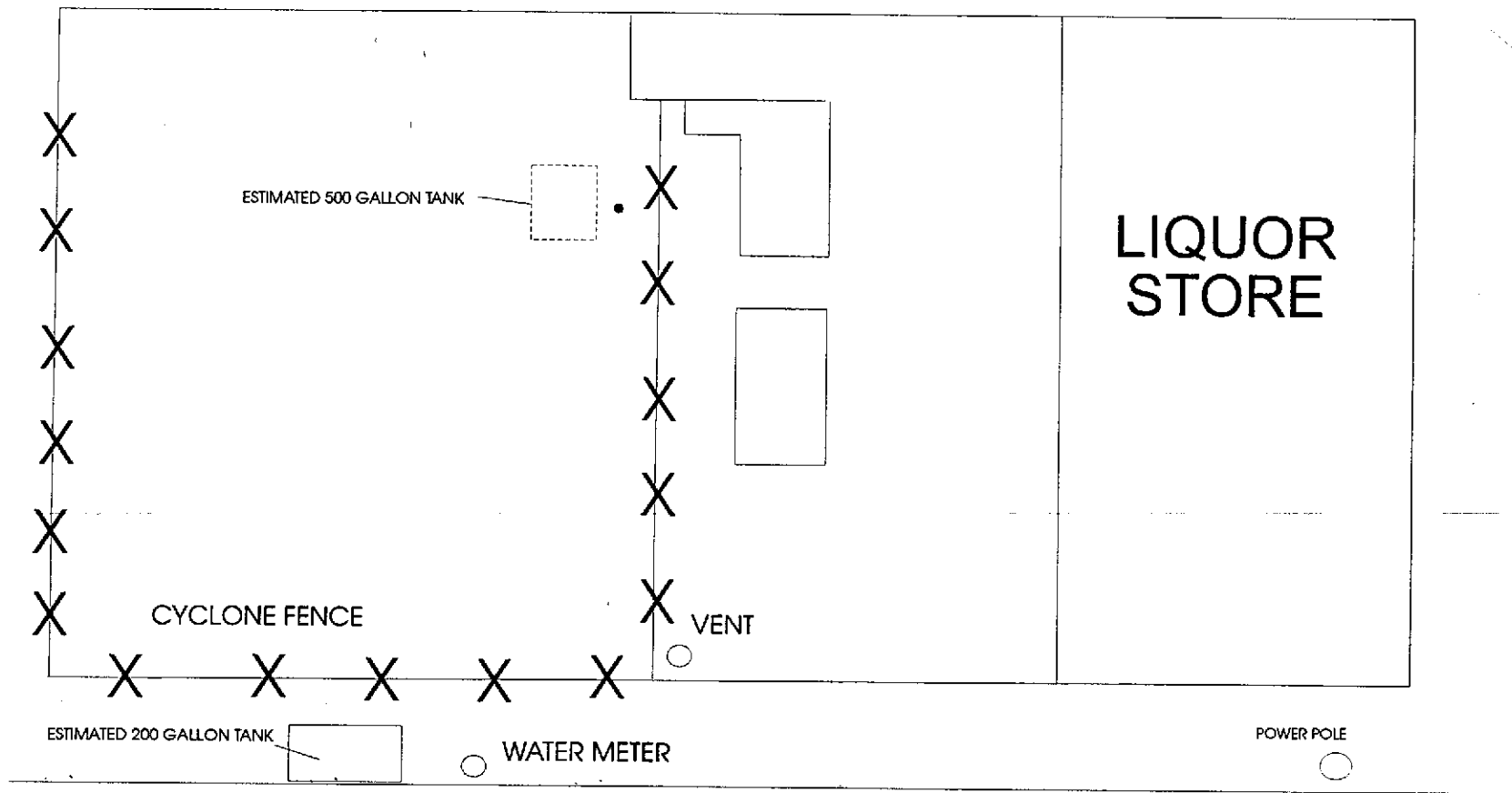
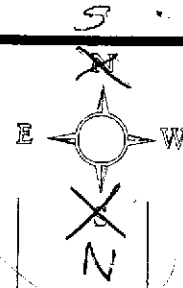
J. Glenn Morelli
Staff Geologist



Matthew L. Bromley, R.G.
Senior Geologist/Division Manager



c: Ms. Pam Evans, Alameda County Health Agency



- PROPOSED BORING LOCATION
- ASSUMED SCALE 1 INCH = 20 FEET

NOTE: SOURCE OF SITE DIAGRAM FEATURES AND MEASUREMENTS
BASED ON DIAGRAM BY VCI OF CALIFORNIA

DATE: APRIL 1997



SITE DIAGRAM

GATEWAY LIQUORS
5944 SAN PABLO AVENUE
OAKLAND, CALIFORNIA

FIGURE 1