



September 14, 1994

LF 1649.18

Ms. Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502

Subject: Abandonment of Six Ground-Water Monitoring Wells in
Area C at East Baybridge Center Project Site,
Emeryville and Oakland, California

Dear Susan:

This letter documents the abandonment of six ground-water monitoring wells (LF-10, LF-11R, LF-31, LF-32, LF-34, and LF-35) formerly located in Area C at the East Baybridge Center Project Site ("the Site"; see Figure 1). These wells were abandoned so that site development in this portion of the property could proceed unimpeded.

The wells were abandoned on June 30, 1994, in accordance with the State of California Department of Water Resources Bulletins 74-90, June 1991 and 74-81, December 1981 and under permit number 94462 issued by the Alameda County Flood Control and Water Conservation District, Zone 7. The following outlines the procedures used to destroy the wells:

- The existing 2-inch- or 4-inch-diameter polyvinyl chloride well casing was drilled out to the total depth of each well, approximately 20 to 25 feet below grade.
- The borehole was then grouted from the bottom to approximately 2 feet below ground surface (bgs) with neat cement grout containing approximately 5 percent bentonite. The grout was pumped into the borehole through a tremie pipe (or hose) set 5 to 10 feet above the base of the borehole.

Well Replacement

Following completion of site development activities, the wells will be replaced and incorporated into the ground-water monitoring program for the Site. We estimate that the

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replacement wells will be installed during the first quarter of 1995. A work plan presenting the installation procedures and proposed well locations will be submitted to the Alameda County Health Care Services Agency and the Regional Water Quality Control Board prior to installing the wells. Wells LF-10, LF-31, LF-32, LF-34 will be reinstalled in the same general area as the "original" well that was abandoned. Selection of final well locations will consider site development, such the locations of buildings and underground utilities. Well MW-11R will not be replaced. Well MW-10 will be used in this area to monitor chemicals migrating onto the Site from an off-site source. Well LF-35 also will not be replaced and well MW-34, located nearby, will be used to monitor ground-water quality at the downgradient extent of the on-site area.

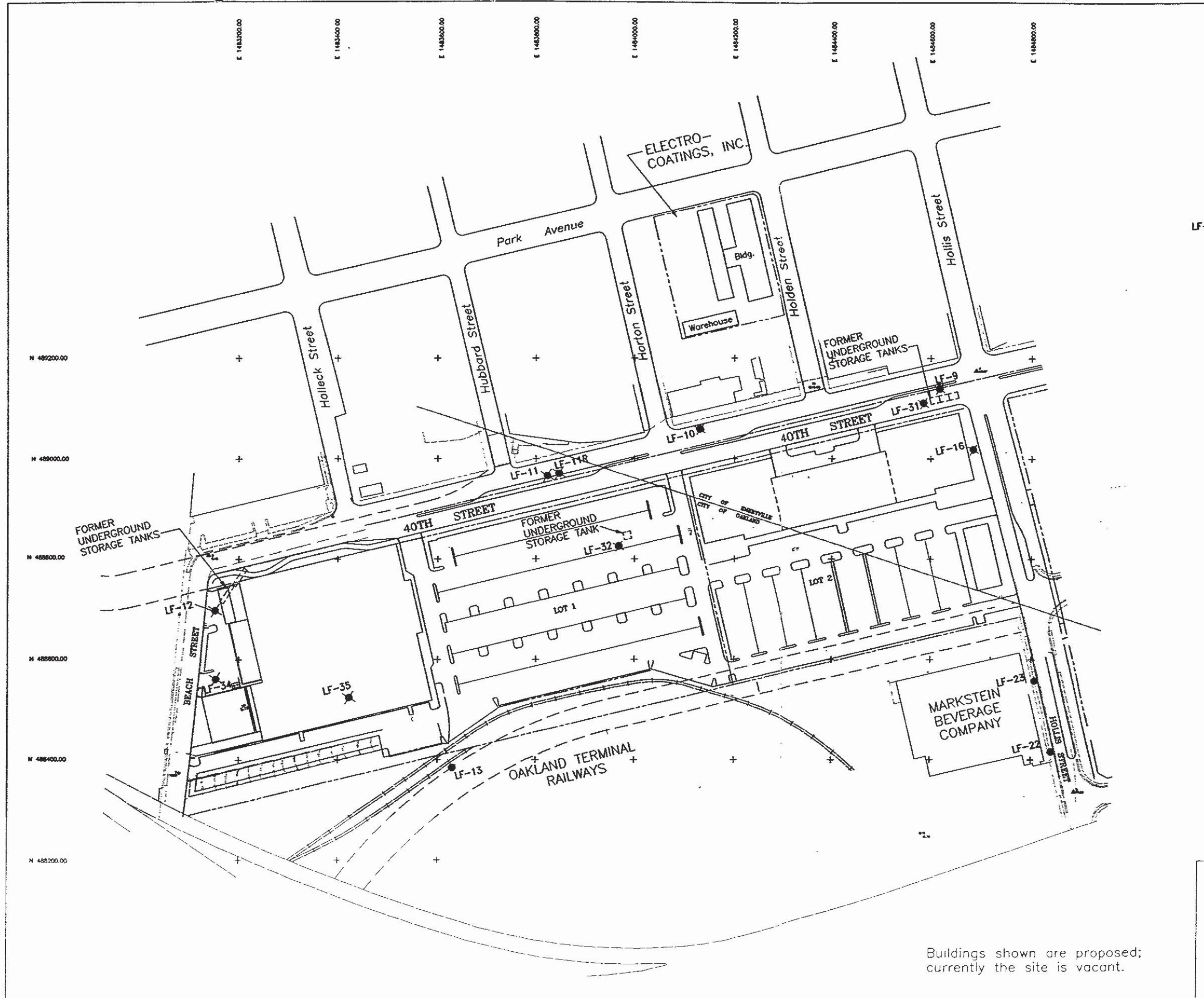
If you have any questions or comments regarding this letter, please call me or Andrew L. Wright, R.G., (510-652-4500) or Ms. Kimberly Brandt at Catellus Development (415-974-4500).

Sincerely,

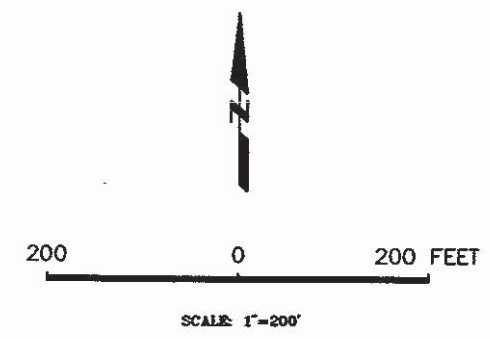


Ron Goloubow
Senior Project Geologist

cc: Ms. Kimberly Brandt, Catellus Development Corporation
Mr. Sumadhu Arigala, Regional Water Quality Control Board



- EXPLANATION
- ⊗ Abandoned ground-water monitoring well
 - LF-32 Existing ground-water monitoring well



Buildings shown are proposed; currently the site is vacant.

Figure 1:
SITE PLAN SHOWING
GROUND-WATER MONITORING WELLS AT
AREA C AT THE YERBA BUENA /
EAST BAYBRIDGE DEVELOPMENT