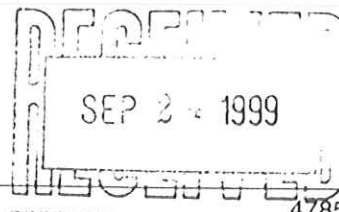




**Earth Systems Consultants**  
**Northern California**



5K

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September 20, 1999

**RECEIVED**

9:03 am, Aug 02, 2011

Alameda County  
Environmental Health

Doc. No. 9909-081

Mr. Dave Valeska  
Planning Department  
City of Alameda  
2263 Santa Clara Ave., Room 120  
Alameda, CA 94501

Subject: 2415 Mariner Square Drive, Alameda  
**CLOSURE PROGRESS REPORT**

Dear Mr. Valeska:

As discussed with Mariner Square Associates, Earth Systems Consultants Northern California (ESCNC) is providing this progress report on the closure of the two parcels, as stated in a letter to Mr. Larry Seto, of Alameda County Health Care Services Agency.

**Western Industrial Parcel**

The parcel is considered suitable for building of the dry stack structure with the following conditions: 1) Five wells remain within the parcel which are monitored and sampled for a period of one year; 2) Monitoring well MW-6 has been replaced; MW-10 was installed adjacent to former UST T-1; and 3) No further remediation will be required for the parcel. Wells within the building pad will be destroyed. After one year of monitoring, the site will be suitable for closure, and the remaining wells will be destroyed.

**Eastern Residential Parcel**

The parcel is suitable for building of the residential structure with the following conditions: 1) the monitoring wells within the parcel have been monitored and sampled one time to confirm conditions of hydrocarbons; and 2) all monitoring wells will be destroyed after completion of sampling. No further remediation will be required for the parcel. The parcel will be considered suitable for closure.

As requested by Mr. Parsons, the following is a discussion of the "marsh crust" underlying the study site.

The underlying "marsh crust" has been partially evaluated within the risk assessment for the site, and is being reviewed by the Environmental Protection Agency for both the former Naval Air Station, now Alameda Point, and the former Fleet Industrial Supply Center. The "marsh crust" is considered regional historical contamination with heavy hydrocarbons as a result of refinery operations on the west end of Alameda, and manufactured gas plants in Alameda and Oakland. The "marsh crust" underlies the fill in most of the west end of Alameda. The contaminants are concentrated along the channel edges/banks of the former marshes

Please call me at (510) 353-0320, if you have any questions.

Very truly yours,

**EARTH SYSTEMS CONSULTANTS**  
**Northern California**



Gary Pischke, CEG  
Senior Geologist

GP:mb Ltr #205

Distribution: 1 to Mr. John Beery  
1 to Mr. Jim Parsons  
1 to Mr. Bill Mabry, Aegis