

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resource Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

R0781

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

July 2, 1992

Don Anderson  
Almar Ltd Marina  
1150 Ballena Blvd., # 111  
Alameda, CA 94501

STID 4101

RE: Additional work required at the Ballena Isle Marina site,  
located at 1100 Ballena Blvd., Alameda, California

Dear Mr. Green,

This office has received and reviewed the report from ENSR, dated May 21, 1992, for the site where a 250-gallon underground storage tank was excavated and removed in 1991. In the above report it was recommended that the open pit at the above site be backfilled and covered with an impermeable cap in the form of concrete pavement. Additionally, due to the site's close proximity to San Francisco Bay and the harbor, it was recommended that ground water monitoring would not be necessary.

It is understood that ground water flow direction, in the vicinity of the site, is likely to change over the course of a single day, and any releases that may have occurred to the ground water has probably been diluted by the strongly influenced ebb and flow of the tides. However, this office, along with the Regional Water Quality Control Board (RWQCB), would like to know what levels of contaminant concentrations currently exist in the ground water beneath the site before making the decision that no further ground water investigations are necessary at the present time.

This office is requiring, with RWQCB's concurrence, that the tank pit be excavated down to ground water and that a ground water grab sample be collected and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline, TPH as diesel, Total Oil & Grease, Volatile Organic Compounds, and cadmium, chromium, lead, nickel, and zinc.

Additionally, this office and RWQCB feels that further attempts should be made to investigate and remediate the extent of the soil contamination at the site. In the above report from ENSR, it was shown that elevated concentrations of Diesel, as high as 2,200 ppm, and Oil and Grease, as high as 4,200 ppm, were identified from both the north and south walls of the tank pit. These soil samples were collected immediately above the ground water level, so backfilling

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and capping the tank pit would not prevent further releases of contaminants into the ground water from the soil.

You are required to submit a work plan addressing the investigation and remediation of the soil contamination at the site within 45 days of the receipt of this letter. Please be advised that this is a formal request for technical reports pursuant to **California Water Code Section 13267 (b)**. Any extensions of the stated deadlines, or modifications of the required tasks must be confirmed in writing by either this agency or RWQCB.

If you have any questions or comments, please contact Ms. Juliet Shin at (510) 271-4320.

Sincerely,



Thomas F. Peacock, Supervising HMS  
Hazardous Materials Division

cc: Richard Hiett, RWQCB

Richard Quarante, Alameda Fire Dept.

Brian Ho  
ENSR Consulting  
1320 Harbor Bay Pkwy.  
Alameda, CA 94501

Edgar Howell-File (JS)