

# Ultramar

Ultramar Inc.  
P.O. Box 466  
525 W. Third Street  
Hanford, CA 93232-0466  
(209) 582-0241

PROTECTION  
Telecopy: 209-585-5685 Credit  
209-583-3300 Administrative  
209-583-3302 Information Services  
209-583-3358 Accounting

October 27, 1998

Mr. Lorenzo King  
Assistant Engineer  
County of Alameda Public Works Agency  
399 Elmhurst Street  
Hayward, CA 94544-1395

**SUBJECT: Well Abandonment Report  
Former Beacon Station No. 574  
22315 Redwood Road, Castro Valley, California**

Dear Mr. King:

Enclosed is a copy of the *Well Abandonment Report for Beacon #574*, prepared by Doulos Environmental Company, for the above-referenced former Ultramar facility. The wells were abandoned in accordance with local and State requirements, as requested by your agency.

If you have questions regarding this report, please contact me at (209) 583-3231.

Sincerely,

**ULTRAMAR INC.**



Joseph A. Aldridge, RG  
Senior Project Manager  
Retail Environmental Services

cc w/encls.: Mr. Scott Seery, Alameda County Health Care Services Agency,  
Environmental Health Services  
Mr. Rich Hiatt, CRWQCB-San Francisco Bay Region



A Member of the Ultramar Group of Companies

**BEACON**  
#1 Quality And Service

DOULOS ENVIRONMENTAL COMPANY  
1537 PINE VALLEY CIRCLE  
ROSEVILLE, CA 95661  
(916) 782-9054

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October 23, 1998

Mr. Joseph Aldridge  
Ultramar, Inc.  
525 West Third Street  
Hanford, California 93230

Subject: Well Abandonment Report for Beacon #574  
22315 Redwood Road, Castro Valley, California

Dear Mr. Aldridge:

Ultramar, Inc. (Ultramar), has contracted Doulos Environmental Company (Doulos) to abandon monitoring wells, as well as prepare this report for the subject site. The purpose of this work was to properly abandon two monitoring wells in the right of way prior to road work at the intersection of Redwood Road and Grove Way as requested by Alameda County Department of Public Works (letter enclosed).

### **FIELD WORK**

The work performed included: Obtaining well abandonment permits from Alameda County Department of Public Works (permits enclosed), abandonment of two monitoring wells, and preparing a report which presents field procedures and volumes of grout used. All activities were completed in compliance with the Alameda County guideline and California State Department of Water Resources Bulletin 74-81.

### **Well Destruction**

**On September 29, 1998, Doulos personnel abandoned two monitoring wells (MW-7 and MW-8).** Prior to pressure grouting the wells, the volume of grout needed to displace the pore space in the sand pack, and the volume of the casing was calculated. The wells were abandoned in place by pressure grouting with a neat cement slurry. The grout was placed with a trimmie pipe from approximately five feet above the bottom of the well to the surface. Sections of trimmie pipe were removed as the grout moved up the casing of the well. After the grout had been trimmed to the surface additional grout was added to maintain the grout level at the top of the casing as it pushed its way into the sand pack pore space and formation. The actual volume of grout placed in each well exceeded the calculated volume (see Table). Well covers were removed and replaced with like-material to match the surrounding area.

Beacon Station #574  
Castro Valley, California

October 23, 1998  
Well Abandonment Report

## DISTRIBUTION

A copy of this report should be forwarded to:

Mr. Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Sincerely,

**DOULOS ENVIRONMENTAL COMPANY**

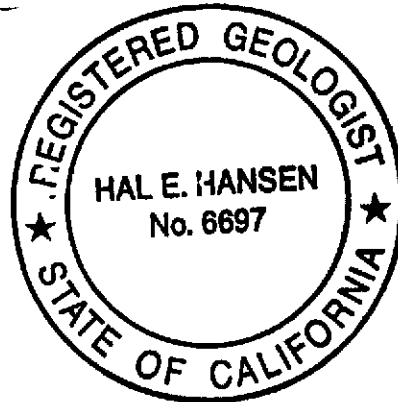


Hal Hansen, R.G. #6697, C-57 #730042

HEH/tjh

Attachments:

Letter  
Alameda County Public Works permit  
Table



TABLE

Well No.	Diameter of casing (inches)	Depth (feet)	Calculated volume of grout (gallons)	Actual volume of grout used (gallons)
MW-7	2	30.5	26	29
MW-8	2	35	27	29