



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
5997 PARKSIDE DRIVE • PLEASANTON, CALIFORNIA 94566 • (415) 484-2600

21 July 1988

Ms. Cherie D'Andrea  
Clayton Environmental Consultants, Inc.  
1252 Quarry Lane  
Pleasanton, CA 94566

Dear Ms. D'Andrea:

Enclosed is Groundwater Protection Ordinance permit 88340 for a monitoring well construction project at Valdez and 23rd Streets in Oakland for The Tribune.

Please note that permit condition A-3 requires that the report, consisting of logs and location sketch, be submitted after completion of the work.

If you have any questions, please contact Wyman Hong or Craig Mayfield at 484-2600.

Very truly yours,

Mun J. Mar  
General Manager

By

J. Killingstad, Chief  
Water Resources Engineering

WH:blm  
Enc.



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
 1404 CONCANNON BOULEVARD LIVERMORE, CALIFORNIA 94550 (415) 443-9  
**GROUNDWATER PROTECTION ORDINANCE PERMIT APPLICATION**

**FOR APPLICANT TO COMPLETE**

**FOR OFFICE USE**

(1) LOCATION OF PROJECT Northeast corner at Valdez and 23rd  
Streets, Oakland, CA 94623

PERMIT NUMBER 88340  
 LOCATION NUMBER \_\_\_\_\_

(2) CLIENT

Name The Tribune  
 Address 409-13th ST, 7th Floor Phone 415/645-2380  
 City Oakland Zip 94623

Approved Wyman Hong Date 30  
 Wyman Hong

(3) APPLICANT

Name Cherie D'Andrea, Geologist  
Clayton Environmental Consultants, Inc.  
 Address 1252 Quarry Lane Phone 415/426-2629  
 City Pleasanton Zip 94566

**PERMIT CONDITIONS**

Circled Permit Requirements Apply

(4) DESCRIPTION OF PROJECT

Water Well Construction  Geotechnical \_\_\_\_\_  
 Cathodic Protection \_\_\_\_\_ Well Destruction \_\_\_\_\_

(5) PROPOSED WATER WELL USE

Domestic \_\_\_\_\_ Industrial \_\_\_\_\_ Irrigation \_\_\_\_\_  
 Municipal \_\_\_\_\_ Monitoring  Other \_\_\_\_\_

(6) PROPOSED CONSTRUCTION

Drilling Method:  
 Mud Rotary \_\_\_\_\_ Air Rotary \_\_\_\_\_ Auger   
 Cable \_\_\_\_\_ Other \_\_\_\_\_

WELL PROJECTS

Drill Hole Diameter 10 in. Depth 35 ft.  
 Casing Diameter 4 in. Number MW-1, MW-2, MW-3  
 Surface Seal Depth 11 ft.  
 Driller's License No. New Drilling C-57 384167  
Clayton R.G. #3768

GEOTECHNICAL PROJECTS

Number \_\_\_\_\_  
 Diameter \_\_\_\_\_ in. Maximum Depth \_\_\_\_\_ ft.

(7) ESTIMATED STARTING DATE July 25, 1988  
 ESTIMATED COMPLETION DATE July 27, 1988

(8) I hereby agree to comply with all requirements of  
 this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Cherie C. D'Andrea Date 7/19/88

**A. GENERAL**

1. A permit application should be submitted so arrive at the Zone 7 office five days prior to proposed starting date.
2. Notify this office (443-9300) at least one week prior to starting work on permitted work before placing well seals.
3. Submit to Zone 7 within 30 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report equivalent for well projects, or bore hole log and location sketch for geotechnical projects. Permitted work is completed when the last seal is placed or the last boring is completed.
4. Permit is void if project not begun within 30 days of approval date.

**B. WATER WELLS, INCLUDING PIEZOMETERS**

1. Minimum surface seal thickness is two inches of cement grout placed by tremie, or equivalent.
2. Minimum seal depth is 50 feet for municipal wells or 20 feet for domestic, irrigation, and monitoring wells unless a lesser depth is specially approved.

- C. GEOTECHNICAL. Backfill bore hole with compacted bentonite or heavy bentonite and upper two feet with compacted material.
- D. CATHODIC. Fill hole above anode zone with concrete placed by tremie, or equivalent.
- E. WELL DESTRUCTION. See attached.