

August 22, 2001

Mr. John Ward  
Wells Fargo Trust  
Asset Management Division  
Trust Real Estate Department  
P.O. Box 63939  
San Francisco, California 94163

AUG 24 2001

RE: Monitoring Well Destruction Letter Report  
490 43<sup>rd</sup> Street, Oakland, California  
*ACC Project No. 01-6305-001.04*

Dear Mr. Ward:

ACC Environmental Consultants, Inc., (ACC) presents this letter report summarizing the destruction of the four monitoring wells at 490 43<sup>rd</sup> Street, Oakland, California (Figure 1).

## **BACKGROUND**

In a letter dated July 13, 2001, Mr. Barney Chan of the Alameda County Health Care Services Agency (ACHCSA) approved conditional case closure at 490 43<sup>rd</sup> Street, Oakland. As a condition for final regulatory case closure, the ACHCSA requested that the four existing groundwater monitoring wells be properly closed.

## **WELL DESTRUCTION PROCEDURES**

As required by the Occupational Health and Safety Administration, 29 Code of Federal Regulations 1910.120, ACC prepared a site specific Health and Safety Plan for the proposed work.

Four 2-inch-diameter groundwater monitoring wells, each with a total depth between 20 to 22 feet bgs, were abandoned through pressure grouting by Environmental Control Associates (ECA), California drillers license number C57-695970, on August 15, 2001. The permit for well destruction was obtained from the Zone 7 Water Resources Management prior to performing field activities.

Well Completion Report Numbers 525546 through 525549 for the decommissioned wells are enclosed and have been sent to the Department of Water Resources

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The following procedures were followed for each well to be destroyed:

- The monitoring wells to be abandoned were investigated prior to destruction. The depth, casing diameter, and construction and sealing design of the well were ascertained. The wells were sounded immediately before destruction to determine whether there are obstructions within each wellbore that would interfere with grouting.
- Each monitoring well was destroyed by pressure grouting. A volume of cement grout at least equal to the pore space in the annular sandpack and the inside diameter of the well was introduced into each well. The top four inches of each wellbore were filled with concrete to surface grade and finished to match the existing surface. A minimum of 14 gallons of grout was introduced into wells MW-1 through MW-4 each.
- Each wellbore accepted the grout slurry and the grout settled uniformly. ACC believes the annular sandpack accepted the grout evenly and the grout volume introduced was equal to or slightly less than the annular pore space plus the well volume.
- Well casings were trimmed approximately 10 inches below grade.
- The surface was topped with approximately 8 inches of quick drying concrete after ACC had observed that no grout settling had occurred in the well casing during a 30 minute interval.

No soil cuttings were generated during pressure grouting.

If you have any questions regarding this letter report, please call me at (510) 638-8400 ext. 109.

Sincerely,



David R. DeMent, RG  
Environmental Division Manager

/trb:drd

Enclosure

cc Mr Barney Chan, ACHCSA

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**