



TANK PROTECT ENGINEERING
of Northern California, Inc.

AC-3

April 14, 1999

Mr. Wesley Adams
City of Alameda-Engineering Department
950 W. Mall Square #100
Alameda, CA 94501

Re: Well Destructions, Fire Station #3, 1703 Grand Street, Alameda, CA 94501

Dear Mr. Adams,

Tank Protect Engineering of Northern California, Inc. (TPE) is pleased to submit this letter report concerning the destruction of groundwater monitoring wells located at, Fire Station #3, 1703 Grand Street, Alameda, CA 94501.

1.0 Introduction

The subject site is located at 1703 Grand Street (corner of Grand Street and Pacific Avenue), in the City of Alameda, in Alameda County, California 94501 and is currently occupied by the City of Alameda Fire Department (FS #3).

Figure 1 through 4 shows a site plan showing the locations of the onsite Fire Station, former underground storage tanks (UST 1 and 2), and groundwater monitoring wells.

This letter report summarizes the site's known history, and the summarizes the destruction of the groundwater monitoring wells on site.

2.0 Site History

The City of Alameda (City) contracted with Tank Protect Engineering of Northern California, Inc., (TPE) to remove two underground storage tanks from the subject site.

On September 3, 1998, TPE removed two underground, steel, storage tanks (one 500-gallon and one 280-gallon gasoline tank) from the subject site under the supervision of a representative from the Alameda County Health Care Services Agency (ACHCSA) and the City of Alameda Fire Department.

Soil samples were collected from native soil beneath the tanks for chemical analysis for total petroleum hydrocarbons as gasoline (TPHG), benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-t-butyl ether (MTBE). A detailed discussion of work conducted and results of chemical analyses was reported by A.C.C Environmental Consultants (telephone number 510-638-8400).

Currently, there are no available records of the well installation.

3.0 Well Destruction

Site closure was granted in a March 8, 1999 letter from the ACHCSA recommending that the monitoring wells be decommissioned after monitoring activities were completed (see attached letter from ACHCSA).

Based on the analytical results submitted by the City, the ACHCSA has concurred to grant site closure and the decommissioning of the monitoring wells on-site.

Before commencing destruction activities, TPE obtained a well destruction permit (99WR136) from the Alameda County Public Works Agency, Water Resources Section (see attached permit).

On April 12, 1999, TPE and PC Exploration, Inc., (C57 Drilling license number 265556) under the approval of a representative of the City, destroyed the two onsite monitoring wells, by pressure grouting the wells to 40 pounds per square inch (psi) with a tremie pipe. Both wells were grouted with a neat portland cement grout. The grout was placed by tremie from a total depth of about 18.0 feet to the surface using a neat cement slurry composed of 1 sack of Portland Cement (Type I/II Cement-94 pound bags) for each 5 gallons of clean water.

4.0 Vault Destruction

During well destruction activities, all vault boxes were sealed with neat portland cement grout.

An additional copy of this letter report is included for your delivery to:

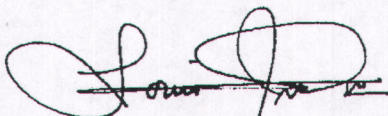
California Regional Water Quality Control Board
San Francisco Bay Region
Toxic Cleanup Division
2101 Webster Street, Suite 500
Oakland, CA 94612

Mrs. Eva Chu
Alameda County Health Care Service Agency
Hazardous Materials Program
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

TPE recommends that this letter report be submitted with a cover letter from the City, and signed by an authorized representative.

If you have any questions, please call TPE at (510) 429-8088.

Sincerely,



Louis Travis, III
Project Engineer