

Thurby
CO-43

COOR DATE
04/07/89

STATION NO. 054
2504 Castro Valley Blvd.
Castro Valley, CA 94546
Alameda, County 01
I. D. #

I. HISTORY OF INVESTIGATION & REMEDIAL ACTIONS

- 12-86 Hydrotech Consultants drilled four borings with soil sampling at five foot intervals to a depth of 20 feet. Groundwater was not encountered. Soil samples were analyzed by a laboratory.
- 05-87 Woodward-Clyde consultants located two existing monitoring wells on site with free product in each well about 5 to 6 feet below grade.
- 02-88 Robert Elbert & Associates drilled seven borings with soil samples taken or attempted at five foot intervals. The seven borings were converted into groundwater monitoring wells. Depth to groundwater varied from about 5 to 12 feet below surface. Free product was detected in three of the seven wells. Soil and groundwater samples were analyzed by a laboratory.
- 11-15-88 Groundwater Technology, Inc. obtained soil samples with tank removal by Circle K Corp. Soil samples were analyzed by a laboratory.
- 11-23-88 Alameda County Health Care Services approved Robert Elbert & Associates remediation plan dated April 26, 1988. Remediation to be installed after completion of construction work by Circle K Corporation.

II. ACTIONS TAKEN DURING PREVIOUS QUARTER

Due to tank replacement by Circle K Corporation, the remediation of contaminated soils on site and the removal of groundwater from tank hole for the installation of new tanks.

III. ACTIONS PLANNED FOR NEXT QUARTER

Pending completion of construction and satisfactory negotiation of contract with procurement of required permits, commence the installation of remediation plan approved on 11/23/88 by the Alameda County Health Care Services. Additional vapor monitoring wells are planned with remediation system.

IV. STATUS OF DEFINITION OF SUBSURFACE CONTAMINATION

Total of nine monitoring wells exist on site. The vertical extent of contamination has been established by groundwater variation of 4.8 to 11.8 feet below surface. The lateral extent of groundwater plume has been defined with additional vapor wells.

Soil Contamination - total petroleum hydrocarbons:

12/86 4 to 1120 ppm

02/88 1 to 1900 ppm

11/88 350 to 1400 ppm with tank removal

Groundwater contamination - Total Dissolved Petroleum Hydrocarbons

05-87 Free product discovered in two existing wells on site.

02-88 6 - 150 ppm with free product in three wells.

11-88 130 ppm

V. STATUS OF REMEDIATION

Pending procurement of permits, plan to commence installation of remediation plan as approved on 11/23/88.