

**SUBSURFACE ENVIRONMENTAL CORP.**  
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**FAX TRANSMITTAL**

**ATTN: *Juliet Shin***

**COMPANY: *Alameda County Dept. of Enviro. Health***

**FAX: *510/589-4757***

**DATE: *July 7, 1993***

**TIME: *4:00 pm***

**FROM: *Roxanne Harris***

**RE: *Val Strough Volkswagen Albany***

**Soils Report**

No. of pages to follow: ■ *5*

**SOILS SAMPLING REPORT**

718 San Pablo Avenue  
Albany, CA 94706

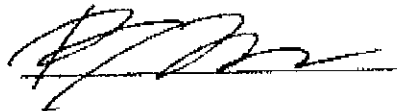
**PREPARED FOR:**

Val Strough Volkswagen  
718 San Pablo Avenue  
Albany, CA 94706

June 4, 1993

**Prepared by:**

Subsurface Environmental Corp.  
El Cerrito, CA



Roxanne M. Harris  
General "A" Engineering License No. 618766  
Hazardous Substances Removal & Remedial Actions  
OSHA Certified/EPA Certified

## **INTRODUCTION**

The intent of this report is to provide information on the soil at 718 San Pablo Avenue, Albany, CA. The soils analysis was conducted as part of the removal of five underground storage tanks from the property.

## **TANK REMOVAL**

On April 6, 1993, Subsurface Environmental removed five underground storage tanks, 1 - 550 gallon waste oil tank (formerly a gasoline tank), 2 - 300 gallon waste oil tanks and 2 - 300 gallon coolant tanks. All five tanks were corroded, had numerous holes, and were leaking. Prior to the removal of the tanks, Petroleum Recycling Corporation pumped approximately 450 gallons of product from the tanks. Mr. Kevin Tinsley of the Alameda County Department of Environmental Health witnessed the removal of the tanks.

## **SOIL SAMPLING**

Immediately upon removal of the storage tanks, Roxanne Harris of Subsurface Environmental, performed the soil sampling. One soil sample was taken from beneath each tank at the fill end and one additional composite sample was taken from the stockpile of excavated material from the coolant tank at the request of Mr. Tinsley. (See attached map for exact location of sampling.)

All samples were taken in strict accordance with the State of California Regional Water Quality Control Board Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites.

## **SAMPLING METHODOLOGY**

Samples were obtained from the tank excavations by using a backhoe to bring the native soil to the surface where a 2" diameter by 6" long brass tube was driven into the soil. A composite sample was taken from the stockpiled material by driving brass tubes into the material at four locations; north, east, south and west. Teflon was placed over both ends of the tubes and then covered with plastic end caps. The samples were labeled and placed on ice in a portable cooler for transport to the laboratory. Sample information was entered on a Chain of Custody form as each sample was collected. After completion of the field work the samples were taken to McCampbell Analytical of Pacheco, CA, a State Certified Laboratory for testing.

## **ANAYTICAL RESULTS**

All samples were analyzed for Total Volatile Hydrocarbons as Gasoline (EPA Method 8015), and Total Volatile Hydrocarbons as Benzene, Toluene, Ethylbenzene, and Xylenes (EPA Method 8020), Total Extractable Hydrocarbons as Diesel (EPA Method 8015), Oil & Grease (EPA 418.1), Chlorinated Hydrocarbons (EPA Method 8010), and LUFT Metals; Chromium, Cadmium, Nickel, Lead & Zinc (EPA 8010).



## **REPORTAGE**

A copy of this report, the certified analytical reports and the Chain of Custody forms will be provided by Subsurface Environmental to the following agencies:

Water Quality Control Board  
San Francisco Bay Region  
2101 Webster Street  
Oakland, CA 94612

Alameda County Department of Environmental Health  
80 Swan Way, Suite 200  
Oakland, CA 94621

