

October 6, 2003

Ro 2536

Mr. Barney Chan  
 Project Manager  
 Alameda County Department of Environmental Health  
 1131 Harbor Way Parkway  
 Alameda, CA 94502

**Subject: Excavation Workplan and Status of Work Completed  
 762 Stewart Court, Alameda, California**

Dear Mr. Chan:

Excavation work commenced at the 762 Stewart Court property (property) on August 19, 2003. Based on prior investigations conducted at the property, elevated concentrations of total petroleum hydrocarbons (TPH) as gasoline, diesel and motor oil were detected in soil at four locations; three locations are inside the workshop building, and the fourth is in the unpaved driveway. Based on discussions with Eva Chu of your office, recommended soil cleanup levels are as follows:

- ◆ maximum allowable diesel and motor oil concentrations in soil - 500 mg/kg
- ◆ maximum allowable gasoline concentration in soil - 400 mg/kg

Soil excavation work is complete at the four locations with chemically-impacted soil. Analytical data for confirmation soil samples from three of the four locations are available (see attached figure). The confirmation soil sample data for the fourth location will be available later this week. The available data are reported in milligrams per kilogram and are summarized below:

Sample Location	Sample Depth	TPH as Gasoline	TPH as Diesel	Toluene
RS-B-1	2-feet	<1	5.2	0.031
RS-C-1	2-feet	<1	160	0.023
RS-C-2	1-foot	6.3	99	0.028
RS-D-1	3.5 feet	<1	17,000	0.011
RS-D-2	4-feet	3.1	9,800	0.024
RS-D-3	6-feet	3.4	3,600	0.011

metals

SB3-i (700)  
 SB11, 12 @ .5  
 elevated TPH @  
 2 mi

} should run for Pb etc.

17,000  
 9,800  
 3,600

Need to run gw?

SB6E NO for TPH @ / no

Mr. Barney Chan  
October 6, 2003  
Page 2

Confirmation soil samples were collected in brass liners and sealed with plastic caps and Teflon liners. Soil samples were transported under chain-of-custody to Curtis & Tompkins, a state-certified analytical laboratory for analysis.

All excavation work completed inside the workshop building was performed using the largest equipment that would fit through the access doors. To date, approximately 40 tons of soil have been excavated and transported to the East Carbon Development Corporation landfill in East Carbon, Utah.

Residual soil concentrations in Excavation Areas B and C are below the maximum allowable soil concentrations for TPH as gasoline and diesel. The residual soil concentrations in Excavation Area D are above the allowable concentrations; however, further excavation will undermine the foundation for the existing structure.

I would like to discuss with you how to proceed at Excavation Area D. I suggest that the excavation be filled with clean imported fill material, and capped with a concrete slab. Since residual impacted soil would remain under the concrete slab, then deed restrictions would be appropriate.

I will prepare an amendment to this letter report when the confirmation soil sample data for the outdoor excavation area is available. I look forward to meeting you at the 762 Stewart Court property later today.

Thank you for your time, and if you have any questions or comments, please call me at 408-368-7796.

Sincerely,

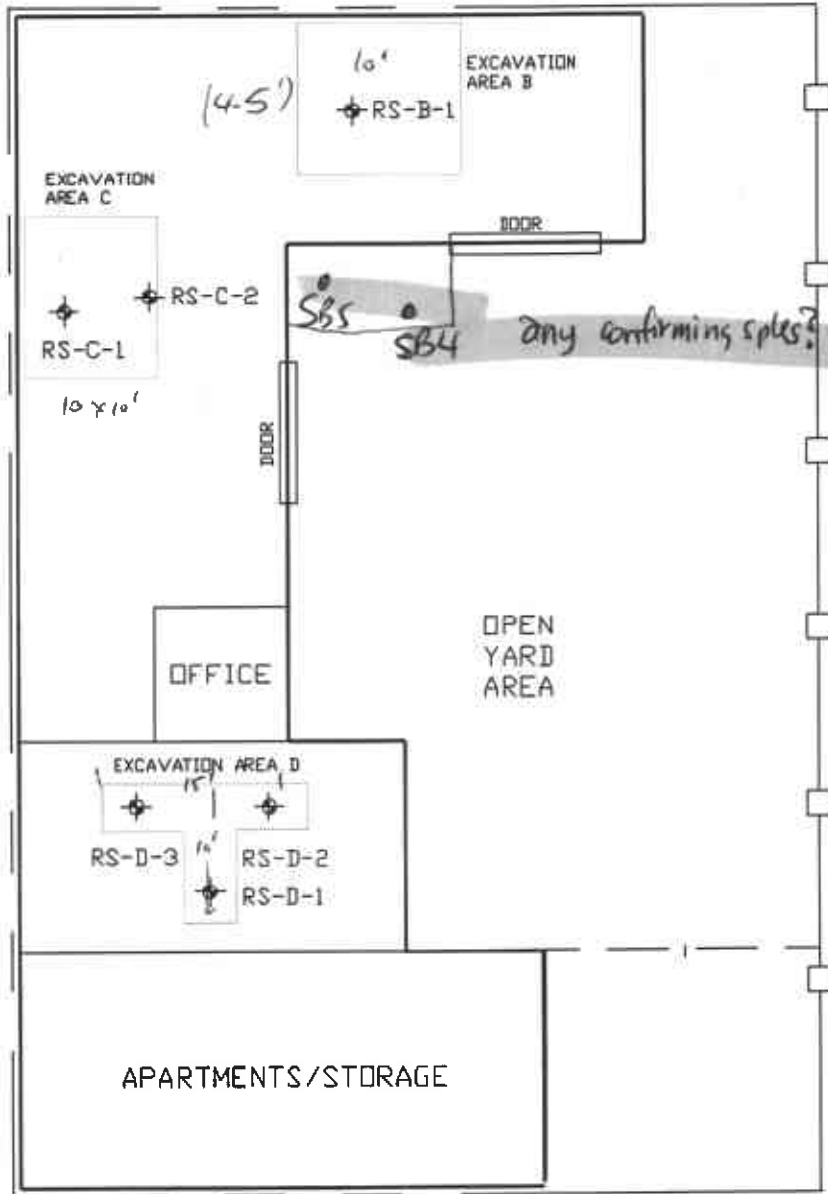
RMT, Inc.



Alan Lui, PE  
Senior Project Manager

Attachment: Confirmation Sample Location Figure

cc: Patricia Santanna  
Judith Bright  
Kevin Bate, RMT



**LEGEND**

⊕ RS-B-1 CONFIRMATION SOIL SAMPLE LOCATIONS


**LEGEND:**

- ⊕ BORING LOCATION
- WOODEN FENCE
- - - CHAIN-LINK GATE
- ASSUMED PROPERTY LINE



NOT TO SCALE

STEWART COURT

PROJECT: 762 STEWART COURT, ALAMEDA, CALIFORNIA	
SHEET TITLE: CONFIRMATION SOIL SAMPLE LOCATIONS (THREE OF FOUR EXCAVATION AREAS)	
DRAWN BY: AL	PROJ. NO: 00-90225.02
CHECKED BY: KB	FILE NO. 90225.02-2.DWG
APPROVED BY: AL	FIGURE 1
DATE: JUNE 2003	
 RMT Inc. - Sunnyvale Phone: 408-744-8505 1153 Bordeaux Drive Suite 208 Sunnyvale, CA 94089	