



General Services Agency

Darlene A. Smith, Director

4400 MacArthur Boulevard
Oakland, California 94619
Telephone (510) 535-6209
FAX (510) 535-6225

May 9, 1994

Ms. Eva Chu
Hazardous Materials Specialist
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621

ALCO
HAZMAT
94 MAY 11 AM 11:41

**SUBJECT: LABORATORY RESULTS FOR SOIL ANALYSIS
FUEL TANKS REMOVAL, STAPLES RANCH PROPERTY,
EL CHARRO ROAD, PLEASANTON, CALIFORNIA**

Dear Eva:

Per our May 4, 1994 telephone conversation, enclosed is a copy of the laboratory results for the soil samples taken during the removal of the underground storage tank (UST-2) and the above ground storage tank (AGT-4) at Staples Ranch, El Charro Road, Pleasanton, California. As we agreed, I plan to do the following:

1. UST-2: The laboratory results from the soil samples taken from both the tank pit and the stockpiled soil were all "non-detect" for TPH-Gasoline, BTEX, and TPH-Diesel. We plan to use this stockpiled soil as fill and return it to its original pit.
2. AGT-4: Per your instruction, I had Environmental Science and Engineering, Inc. (ES&E) excavate about two feet of the impacted soil underneath AGT-4. The soil sample at two feet was TPH-Gasoline 2.5 ppm, BTEX non-detect, and TPH-Diesel 1100 ppm. The results of the soil sample from the excavated soil were: TPH-Gasoline 100 ppm, BTEX non-detect except Xylenes at 0.015 ppm, and TPH-Diesel 23,000 ppm. Thus, we did not excavate all the impacted soil. As we discussed, the Harza Kaldveer Phase 1 Report indicated that no impacted soil was observed from 5 to 20 feet below this tank. Therefore, I plan to have ES&E excavate additional soil underneath AGT-4 and remove all

Ms. Eva Chu
May 9, 1994
Page 2

the impacted soil. We will stockpile the excavated soil and take the appropriate soil samples. The results and procedures will be documented in ES&E's Tank Closure Report.

On April 28 and 29, 1994 ES&E did the Site Characterization Study for the known diesel-impacted soil located near the above ground storage tank AGT-5. Figure 1 is a rough diagram of the results of this study. As we discussed, I have successfully remediated similarly impacted soils by the excavation method at Chevron Land and Development's Hilltop property, Richmond, California. I feel this procedure is the most economical method and will allow the County to obtain site closure at the earliest date. ES&E is currently preparing the formal report recommending this method which should be ready for your review in a couple of weeks. I look forward to your comments and suggestions.

Eva, I really do appreciate your continued cooperation and prompt attention to the Staples Ranch project. I enjoy our team effort and our excellent working relationship. If you have any questions, please call me at X3-6277.

Sincerely,

ENGINEERING & ENVIRONMENTAL
MANAGEMENT DEPARTMENT



Andrew B. Garcia, REA
Environmental Project Manager

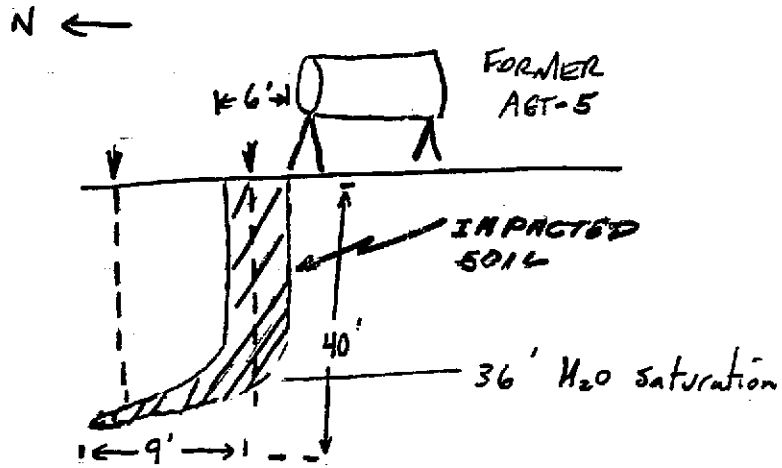
enclosure

cc: Mr. Jay Carpenter, Environmental Science & Engineering, Inc. - w/o
Mr. Jim de Vos, P.E. - w/o

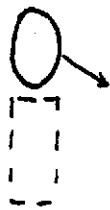
ABG:abg:HZM00519
93-7057 Bldg. #1262

FIGURE 1

DIAGRAM FOR THE SITE CHARACTERIZATION
OF KNOWN DIESEL-IMPACTED SOIL,
ABOVE GROUND STORAGE TANK AGT-5,
STAPLES RANCH, PLEASANTON, CALIFORNIA



PLAN



ABG 5/9/94

2326A/ESE56

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7
PACIFIC, CA 94553

(510) 700-1020

FAX (510) 700-1022

CHAIN OF CUSTODY RECORD

TURN AROUND TIME:

RUSH 24 HOUR 48 HOUR 5 DAY

REPORT TO: JAY CARPENTER BILL TO: BSE
 COMPANY: BSE
4090 WALTON AVE, STE J
CONCORD, CA 94520
 TELE: 685-4053 FAX #: 685-5323
 PROJECT NUMBER: 6-94-5228 PROJECT NAME: STAPLES RANCH
 PROJECT LOCATION: _____ SAMPLER SIGNATURE: [Signature]

ANALYSIS REQUEST

LITIER

STEX & TPH as Gasoline (502/802 & 9015)	
TPH as Diesel (8015)	
Total Petroleum Oil & Grease (5502 501/5502 5017)	
Total Petroleum Hydrocarbons (418.1)	
EPA 602/8010	
EPA 602/8020	
EPA 602/8080	
EPA 608/8080 - PCBs Only	
EPA 604/8240/8250	
EPA 625/8270	
GM - 17 Metals	
EPA - Priority Pollutant Metals	
LEAD (7240/7421/239.2/6010)	
ORGANIC LEAD	
RE:	

COMMENTS

SAMPLE ID	LOCATION	SAMPLING		# CONTAINERS	TYPE CONTAINERS	MATRIX					METHOD PRESERVED						
		DATE	TIME			WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO ₃	OTHER				
SP-2	STOCKPILE	4/26/94		1	DRY		X										

35296

RELINQUISHED BY: [Signature] DATE: 4/26/94 TIME: 3:30 RECEIVED BY: [Signature]
 RELINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED BY: _____
 RELINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED BY: LABORATORY

REMARKS:

ICE?
 GOOD CONDITION
 HEAD SPACE ABSENT
 PRESERVATIVE
 APPROPRIATE CONTAINERS