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PLEASANTON FIRE DEPARTMENT

**W. A. CRAIG, INC.**  
**Environmental Consulting and Contracting**  
P. O. Box 448  
Napa, California 94559-0448  
Contractor and Hazardous Substances License #455752  
Cal/OSHA Statewide Annual Excavation Permit #559351  
(800) 522-7244

Berkeley (510) 525-2780  
Napa (707) 252-3353  
Fax: (707) 252-3385

September 20, 1996

Mr. Roger Kennedy  
Fire Chief  
City of Pleasanton  
P.O. Box 520  
Pleasanton, California 94566

**Subject: Analytical Results - UST Removal Soil Samples  
Fire Station No. 1  
Pleasanton, California**

Dear Mr. Kennedy,

W.A. Craig, Inc., (WAC) has reviewed the laboratory analytical results for soil samples collected following the removal of one diesel and one gasoline underground storage tank (USTs) at Fire Station 1 on Railroad Avenue, in Pleasanton, California. The two USTs were removed from the site by WAC on September 12, 1996. The soil samples were collected from the UST excavation and stockpile by WAC personnel on September 12, 1996.

Soil samples were collected from the tank excavation area following the removal of the USTs. One sample was collected below the west end of each of the USTs at depths of approximately 7 to 7.5-feet below grade(fbg). One soil sample was collected from approximately 20 cubic yards of soil that was stockpiled during the UST removal. The soil sample locations are indicated on the attached site sketch.

#### **Soil Sample Analytical Results**

The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and as diesel (TPH-d) using EPA method 8015 (modified), and benzene, toluene, ethylbenzene, xylenes (BTEX) using EPA Method 8020. The results of the analyses are attached.

Samples from the excavation were reported to contain no detectable concentrations of the petroleum hydrocarbon constituents. The stockpile sample (SP) was reported to contain diesel (150 milligrams per kilogram [mg/kg]) and xylenes (0.008 mg/kg). Benzene, toluene, and ethylbenzene were not detected in soil sample SP.

### **Conclusions and Recommendations**

The results suggest no significant impact to soil as a result of released petroleum products from the USTs. No further investigative or remedial soil is recommended by WAC. We recommend that the excavation should be backfilled with clean, compacted, fill material. The stockpiled soil at the site should be transported to an appropriate treatment or disposal facility.

### **Professional Certification**

This report has been prepared by the staff of W.A. Craig, Inc., under the professional supervision of the persons whose seals and signatures appear hereon. No warranty, either expressed or implied, is made as to the professional advice presented herein. The analysis, conclusions and recommendations contained in this report are based upon site use and conditions as they existed at the time, location, and depth of sampling. Therefore WAC may change our recommendations or conclusions based on any undisclosed or new information, or changes in the site use or conditions.

The conclusions presented in this report are professional opinions based solely upon visual observations of the site and vicinity, and interpretation of available information as described in this report. W.A. Craig, Inc., recognizes that the limited scope of services performed in execution of this scope of work may not be appropriate to satisfy the needs, or requirements of other state agencies, or of other users. Any use or reuse of this document or its findings, conclusions or recommendations presented herein is at the sole risk of said user. There is no other warranty, either expressed or implied.

**Closing Statement**

We appreciate this opportunity to be of service to you on this project. Should you have any questions regarding this letter or the findings presented herein, please give me a call at (707) 252-3353.

Sincerely,

W.A. Craig, Inc.,



*G. A. Fiedler*

Geoffery A. Fiedler, R.G.  
Principal Geologist

**Attachments:** Figure 1 - Site Sketch  
Laboratory Analytical Report

cc: Chris Boykin, City of Pleasanton, Hazardous Materials Division

GAF:gf

USTSOIL.WPD





# W. A. CRAIG, INC.

# CHAIN-OF-CUSTODY RECORD

AWAC666

7171

PAID\*9348

PROJECT NO. 3620		PROJECT NAME Pleasanton, City at Sta. 1 Sta. 3		MATRIX: Soil, Water, Air, Sludge, Other	ANALYSIS						Preserved?	REMARKS	LABORATORY I. D. NUMBER
PURCHASE ORDER NO.		SIGNATURE OF SAMPLER Russell Galt			TPH Gasoline (8015)	BTEX (802/8020)	TPH Diesel (8015)	TPH & BTEX					
DATE 1986	TIME	W. A. CRAIG, INC.'S SAMPLE IDENTIFICATION											
9/12	2:00	PB-D-7'		S		✓	✓			✓		68944	
	2:07	PB-G-7.5'										68945	
	2:12	SP										68946	
	3:15	<del>PB-D-7'</del> SW-S-4'										68947	
	3:22	SP-C										68948	
✓	3:26	SP-S		↓		↓	↓			↓		68949	
	3:10	PB-G-9 1/2'										68950	

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DISPATCHED BY (Signature): <i>Russell Galt</i>	DATE/TIME: 9/14/86 4:50	RECEIVED BY (Signature): <i>[Signature]</i>
DISPATCHED BY (Signature):	DATE/TIME:	RECEIVED BY (Signature):
DISPATCHED BY (Signature):	DATE/TIME:	RECEIVED BY (Signature):

**LABORATORY:**  
 McCampbell  
 Analytical  
**TURNAROUND TIME:**  
 5-day

PLEASE SEND RESULTS TO:  
**W. A. CRAIG, INC.**  
 P.O. BOX 448  
 NAPA, CA 94559-0448  
 (707) 252-3353

Paid chk # 9348







PROJECT NO. 3620		PROJECT NAME Pleasanton, City of Sta. 1 Sta. 3		MATRIX: Soil, Water, Air, Sludge, Other	ANALYSIS						REMARKS	LABORATORY I. D. NUMBER
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	2:07	PB-G-7.5'		✓		✓	✓		✓	68945		
	2:12	SP		✓						68946		
	3:15	<del>PB-D-7'</del> SW-S-4'		✓						68947		
✓	3:22	SP-C		✓						68948		
	3:26	SP-S		✓						68949		
	3:10	PB-G-9 1/2'		✓						68950		

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DISPATCHED BY (Signature):	DATE/TIME:	RECEIVED BY (Signature):
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LABORATORY: McCampbell Analytical  
 TURNAROUND TIME: 5 day  
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