



# General Services Agency

Darlene A. Smith, Director

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

June 13, 1994

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

**SUBJECT: LABORATORY RESULTS FOR SOIL ANALYSIS FROM AGT-4,  
STAPLES RANCH PROPERTY, EL CHARRO ROAD,  
PLEASANTON, CALIFORNIA**

ALCO  
HAZMAT  
94 JUN 17 AM 9:37

Dear Ms. Chu:

As we agreed, per my May 9, 1994 letter and subsequent telephone conversation, Mr. Jay Carpenter, Environmental Science and Engineering, Inc. (ES&E) and I on May 23, 1994 oversaw the excavation of the diesel impacted soil located directly beneath the former above ground storage tank AGT-4, at Staples Ranch, El Charro Road, Pleasanton, California. We excavated to a depth of about six feet, removed all the soil that was visibly stained or had an odor, took two soil samples from the pit, and then backfilled the pit with clean fill. The excavated soil was stockpiled on plastic and one composite soil sample was taken.

For your information, enclosed are the laboratory results. For the two pit soil samples, all the results were "non-detect". We will dispose of this excavated impacted soil when we do the known impacted soil excavation near the former above ground diesel storage tank AGT-5 later this summer.

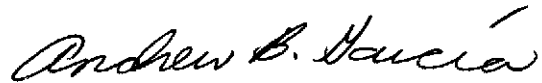
ES&E is in the process of preparing the Tank Closure Report for the underground storage tank UST-2 and AGT-4. We plan to remove the one remaining above ground fuel oil storage tank AGT-1 later this summer.

Ms. Eva Chu  
June 13, 1994  
Page 2

Again, thank you for all your suggestions, continued cooperation, and prompt attention to the Staples Ranch project. If you have any questions, please call me at Extension 3-6277.

Sincerely,

ENGINEERING & ENVIRONMENTAL  
MANAGEMENT DEPARTMENT



Andrew B. Garcia, REA  
Environmental Project Manager

ABG:pvk:HZM00567  
93-7075 Bldg. #1262

enclosure

cc: Jay Carpenter, ES&E - W/O  
Jim de Vos, P.E. - W/O

Ms. Eva Chu  
June 13, 1994  
Page 3

ATTACHMENTS  
LABORATORY SOIL SAMPLE RESULTS  
ABOVE GROUND STORAGE TANK AGT-4  
STAPLES RANCH, PLEASANTON, CALIFORNIA

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553  
 Tele: 510-798-1620 Fax: 510-798-1622

|  |   |                               |
|--|---|-------------------------------|
| Environmental Science & Eng.<br>4090 Nelson Avenue, Suite J<br>Concord, CA 94520 | Client Project ID: # 6-94-5227; Staples Ranch | Date Sampled: 05/23/94        |
|  | Client Contact: Jay Carpenter                 | Date Received: 05/23/94       |
|  | Client P.O:                                   | Date Extracted: 05/24/94      |
|  |   | Date Analyzed: 05/24-05/26/94 |

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline\*, with BTEX\***

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCE (SF Bay Region) method GCFID(5030)

| Lab ID   | Client ID  | Matrix    | TPH(g) <sup>+</sup> | Benzene | Toluene | Ethylbenzene | Xylenes | % Rec. Surrogate |
|--|------------|-----------|---------------------|---------|---------|--------------|---------|------------------|
| 35697  | AGT-S-6'   | S         | ND                  | ND      | ND      | ND           | ND      | 101              |
| 35698  | AGT-N-6'   | S         | ND                  | ND      | ND      | ND           | ND      | 106              |
| 35699  | Comp STP-3 | S         | 30,g                | ND      | ND      | 0.009        | 0.057   | 112              |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
|  |            |           |                     |         |         |              |         |                  |
| Detection Limit unless otherwise stated; ND means Not Detected | W          | 50 ug/L   | 0.5                 | 0.5     | 0.5     | 0.5          | 0.5     |                  |
|  | S          | 1.0 mg/kg | 0.005               | 0.005   | 0.005   | 0.005        | 0.005   |                  |

\*water samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L  
 # cluttered chromatogram; sample peak co-elutes with surrogate peak  
 + The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds are significant; no recognizable pattern; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible phase is present.

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553  
 Tel: 510-798-1620 Fax: 510-798-1622

|  |   |                          |
|--|---|--------------------------|
| Environmental Science & Eng.<br>4090 Nelson Avenue, Suite J<br>Concord, CA 94520 | Client Project ID: # 6-94-5227; Staples Ranch | Date Sampled: 05/23/94   |
|  | Client Contact: Jay Carpenter                 | Date Received: 05/23/94  |
|  | Client P.O:                                   | Date Extracted: 05/25/94 |
|  |   | Date Analyzed: 05/25/94  |

**Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel \***

EPA methods modified 8015, and 3550 or 3510; California RWOCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

| Lab ID   | Client ID  | Matrix | TPH(d) <sup>†</sup> | % Recovery Surrogate |
|--|------------|--------|---------------------|----------------------|
| 35697  | AGT-S-6'   | S      | ND                  | 96                   |
| 35698  | AGT-N-6'   | S      | ND                  | 101                  |
| 35699  | Comp STP-3 | S      | 3300,a              | 96                   |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
|  |            |        |                     |                      |
| Detection Limit unless otherwise stated; ND means Not Detected | W          |        | 50 ug/L             |                      |
|  | S          |        | 10 mg/kg            |                      |

\*water samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L  
 # cluttered chromatogram; surrogate and sample peaks co-elute or surrogate peak is on elevated baseline  
 † The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) modified diesel?; light(CL) or heavy(CH) diesel compounds are significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel(?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible phase is present.

# CHAIN OF CUSTODY RECORD

2418 ASES 65

McCAMPBELL, ANALYTICAL

110 2nd AVENUE, # 17

PACHICO, CA 94559

(510) 708-1020

FAX (510) 708-1022

TURN AROUND TIME:

RUSH  24 HOUR  40 HOUR  5 DAY

REPORT TO:  
J. CARPENTER

BILL TO:  
ESE

PROJECT NUMBER:  
6-94-5227

PROJECT NAME:  
STAPLES RANCH

PROJECT LOCATION:  
PLZASANTON

SAMPLER SIGNATURE:  
*[Signature]*

| SAMPLE ID | LOCATION  | SAMPLING |      | # CONTAINERS | TYPE CONTAINERS | MATRIX |      |     |        | HE. HATH PRESERVED |     | OTHER | ANALYSIS REQUEST | OTHER | COMMENTS |       |
|-----------|-----------|----------|------|--------------|-----------------|--------|------|-----|--------|--------------------|-----|-------|------------------|-------|----------|-------|
|           |           | DATE     | TIME |              |                 | WATER  | SOIL | AIR | LIQUID | OTHER              | HCS |       |                  |       |          | HANDS |
| AGT-S-6'  | AGT-4     | 5/23/94  |      | 1            | ROG             | X      | X    | X   | X      |                    |     |       |                  |       |          |       |
| AGT-N-6'  | AGT-4     | "        |      | 1            | "               | X      | X    | X   | X      |                    |     |       |                  |       |          |       |
| STP-3-1   | STOCKPILE | "        |      | 1            | "               | X      | X    | X   | X      |                    |     |       |                  |       |          |       |
| STP-3-2   | "         | "        |      | 1            | "               | X      | X    | X   | X      |                    |     |       |                  |       |          |       |
| STP-3-3   | "         | "        |      | 1            | "               | X      | X    | X   | X      |                    |     |       |                  |       |          |       |
| STP-3-4   | "         | "        |      | 1            | "               | X      | X    | X   | X      |                    |     |       |                  |       |          |       |

|  |         |
|--|---------|
| DATE SAMPLED   | 5/23/94 |
| TIME SAMPLED   | 3:03 PM |
| TOTAL PARTICULATE $\leq 10$ MICRONS (TSP) (mg)                 |         |
| TOTAL PARTICULATE $\leq 2.5$ MICRONS (PM <sub>2.5</sub> ) (mg) |         |
| EPA 501/910  |         |
| EPA 502/920  |         |
| EPA 503/930  |         |
| EPA 505/950  |         |
| EPA 507/970  |         |
| EPA 509/990  |         |
| EPA 821/827  |         |
| GM - 17 Metals   |         |
| EPA - Priority Pollutants Metals                               |         |
| LEAD (200701/2512/5010)  |         |
| ORGANIC LEAD   |         |
| PCB  |         |

36697  
36698  
36699

RECEIVED BY: *[Signature]*  
ELABORATED BY:  
ELABORATED BY:

DATE: 5/23/94  
TIME: 3:03 PM  
DATE:  
TIME:

RECEIVED BY: *[Signature]*  
RECEIVED BY:  
RECEIVED BY LABORATORY:

REMARKS:  
ICE/F ✓  
GOOD CONDITION ✓  
HEAD SPACE ABSENT ✓  
PRESERVATIVE APPROPRIATE ✓  
CONTAINERS ✓  
VOLAT ✓ D & G METALS OTHER