

Juliet Shin
Alameda County Department of
Environmental Health
UST Local Oversight Program
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Only 2nd monitoring event.

Re: ~~Fourth Quarter Monitoring Report~~
Albany Ford Dealership
718 San Pablo Avenue
Albany, California
Cambria Project #10-102-04

Dear Ms. Shin:

This report summarizes the fourth quarter 1994 ground water monitoring results for the site referenced above (Figure 1). Described below are the fourth quarter 1994 activities, anticipated first quarter 1995 activities and a discussion of the hydrocarbon and metals distribution in ground water.

FOURTH QUARTER 1994 ACTIVITIES

Subsurface Environmental Corporation, Inc. of San Francisco, California (Subsurface) collected ground water samples from wells MW-1, MW-2 and MW-3 on December 13, 1994 and on January 16, 1995. The December samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and benzene, ethylbenzene, toluene and xylenes (BETX), TPHdiesel (TPHd), petroleum oil and grease (POG) and volatile organic compounds (VOCs). The January samples were filtered prior to transport to the analytic laboratory and were analyzed only for LUFT Metals. Subsurface also gauged the site wells and checked them for floating hydrocarbons. No floating hydrocarbons were detected.

ANTICIPATED FIRST QUARTER 1995 ACTIVITIES

During March 1995 Subsurface will gauge all site wells, check the wells for floating hydrocarbons, and collect water samples from the wells. Cambria will tabulate the data and prepare a quarterly monitoring report.

Juliet Shin
March 16, 1995

CAMBRIA

HYDROCARBON AND VOC DISTRIBUTION IN GROUND WATER

No TPHg, BETX or POG were detected in any of the ground water samples collected. Although low VOC and metals concentrations were detected, all analytic results were near or below Department of Toxic Substances Control maximum contaminant levels. The maximum VOC concentrations detected were 0.7 ppb 1,2-Dichloroethane in well MW-1, 0.83 ppb 1,2-Dichloroethane in well MW-2 and 0.51 ppb Tetrachloroethene in well MW-3. In addition, only 100 parts per billion (ppb) TPHd were detected in MW-2.

Please call if you have any questions or comments.

*0.5 ppb is MCL for 1,2-DCI
(leaf)*

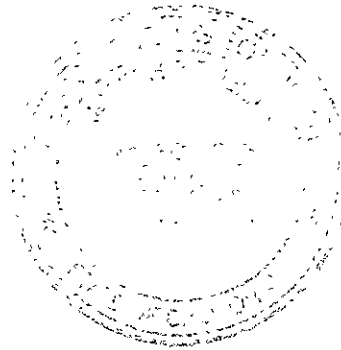
Sincerely,
Cambria Environmental Technology, Inc.

David Elias

David Elias
Project Geologist

J.P. Theisen

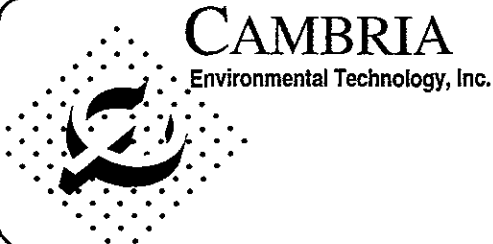
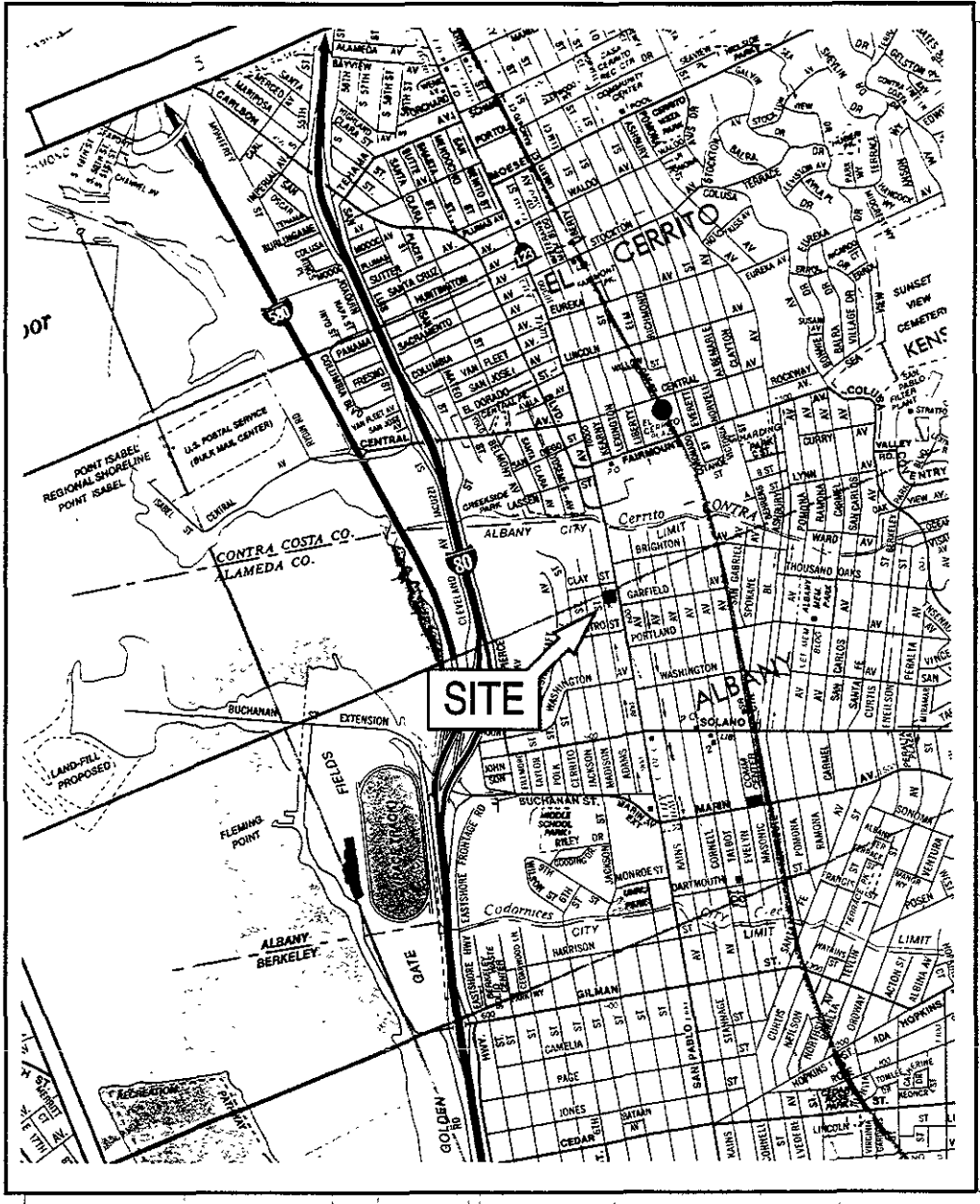
Joseph P. Theisen, CEG
Principal Hydrogeologist



F:\PROJECT\MISC\STROUGH\ALBFORD\QM\QM-4-94.WPD

Attachments: A - Analytic Reports for Ground Water

cc: Don Strough, C/O Cypress Ford, # 4 Geary Plaza, Seaside, California 93955
Subsurface Environmental Corporation, 1796 18th Street, San Francisco, CA 94107



Site Location Map

Albany Ford Dealership
718 San Pablo Avenue
Albany, California

FIGURE

1

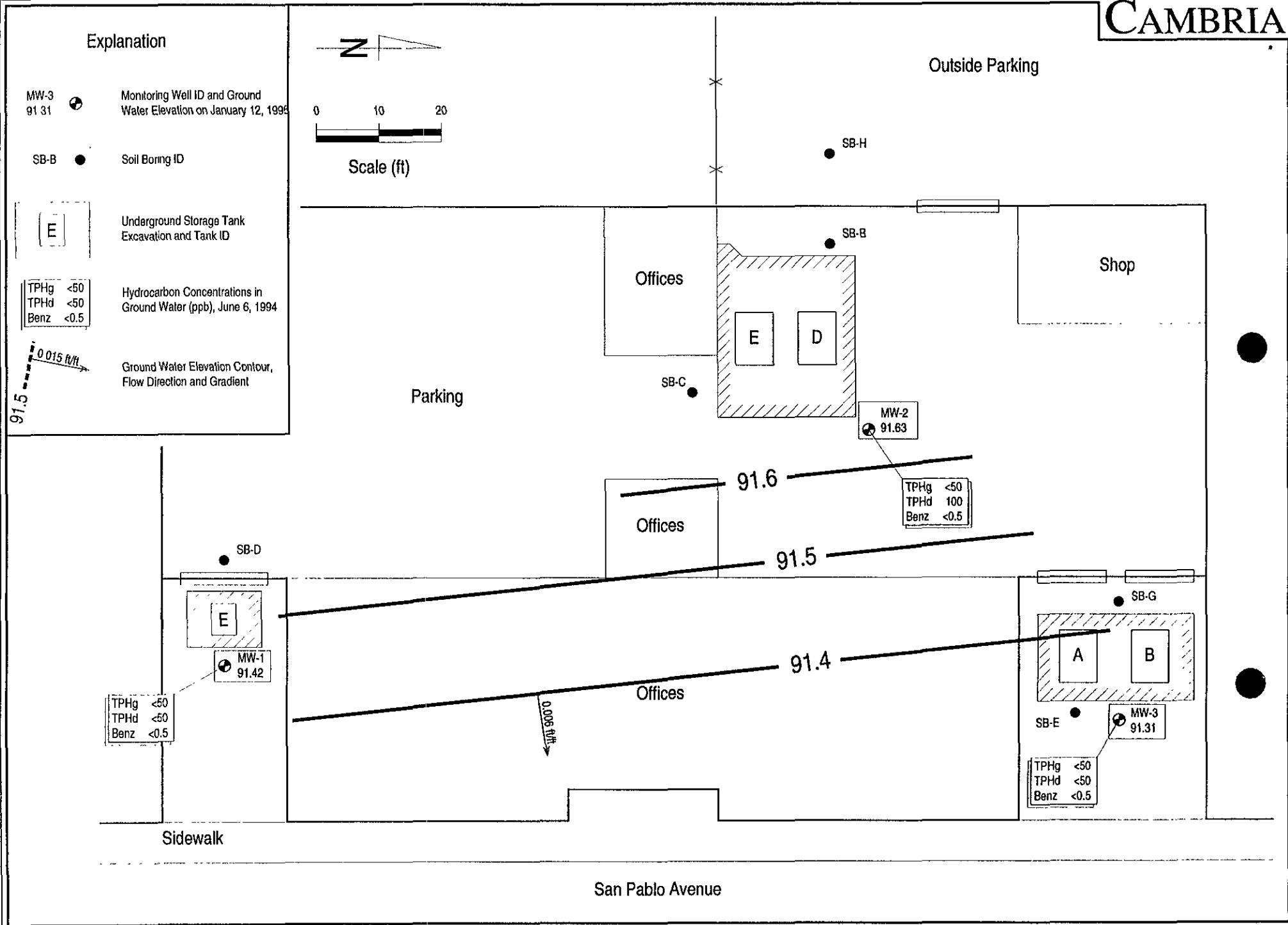


Figure 2. Ground Water Elevations and Hydrocarbon Concentrations - Albany Ford Dealership - 718 San Pablo Avenue, Albany, California

Table 1. Ground Water Elevation and Analytic Data, 718 San Pablo Avenue, Albany, California

| Well/ Boring ID | Date Sampled | TOC Elevation | GW Depth (ft) | GW Elevation (ft) | TPHg | TPHd | TPHmo | B | T | E | X | Notes |
|------------------------|-----------------|------------------|---------------------|-------------------------|------|------|-----------------|----|----|----|-----|-------|
| (Concentration in ppb) | | | | | | | | | | | | |
| MW-1 | 6/9/94 | 99.12 | 7.83 | 91.29 | 80 | 90 | ND | ND | 53 | ND | 1.2 | a |
| | 1/12/95 | | 7.70 | 91.42 | ND | ND | ND ^b | ND | ND | ND | ND | |
| MW-2 | 8/8/94 | 99.23 | 9.44 | 89.79 | ND | 140 | ND | ND | ND | ND | ND | a |
| | 1/12/95 | | 7.60 | 91.63 | ND | 100 | ND ^b | ND | ND | ND | ND | |
| MW-3 | 6/9/94 | 98.46 | 9.10 | 89.36 | ND | ND | ND | ND | ND | ND | ND | |
| | 1/12/95 | | 7.15 | 91.31 | ND | ND | ND ^b | ND | ND | ND | ND | |

Abbreviations

TOC Elevation = Top of casing elevation with respect to onsite benchmark
GROUND WATER = Ground water
LPH = Liquid-phase hydrocarbons
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
TPHmo = Total petroleum hydrocarbons as motor oil by modified EPA Method 8015
POG = Petroleum Oil and Grease
HVOC = Halogenated Volatile Organic Compound
SVOC = Semi-Volatile Organic Compound

B = Benzene by EPA Method 8020
E = Ethylbenzene by EPA Method 8020
T = Toluene by EPA Method 8020
X = Xylenes by EPA Method 8020
DTSC MCLs = Department of Toxic Substances Control maximum contaminant level for drinking water
NE = Not established
ND= No compounds detected above laboratory detection limit

Notes

a = The positive TPHd result appears to be a hydrocarbon lighter than diesel
b = Petroleum Oil and Grease by EPA Method 5520 B/E&F

Table 2. Ground Water Analytic Data for Metals, Halogenated Volatile Organic Compounds (VOCs) and Semi-Volatile Organics - 718 San Pablo Avenue, Albany, California

| Well/ Boring ID | Date | Cadmium | Chromium | Lead | Nickel | Zinc | HVOCs | Semi- Volatiles |
|------------------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|--------------------|
| (Concentration in ppb) | | | | | | | | |
| MW-1 | 6/9/94 | 80 | 1500 | 160 | 2200 | 1200 | a | ND |
| | 1/12/95 | ND | ND | ND | ND | 80 | b | --- |
| MW-2 | 6/8/94 | ND | 250 | 35 | 360 | 220 | ND | ND |
| | 1/12/95 | ND | ND | ND | 40 | 120 | ND | --- |
| MW-3 | 6/9/94 | ND | 330 | 42 | 490 | 310 | c | ND |
| | 1/12/95 | ND | ND | ND | ND | 100 | d | --- |
| DTSC or EPA MCL | | 10 | 50 | 50 | 100 | 500 | vary | vary |

Abbreviations

GW = Ground water
 HVOCs = Halogenated VOCs by
 Analysis by EPA Method 8010
 Semi-Volatiles = Semi Volatile and Acid
 extractable compounds by EPA Method
 8270

DTSC/EPA MCL = Department of Toxic Substances Control/U.S. EPA Maximum
 Contaminant Level for drinking water
 NE = Not established
 ND = Not Detected - Detection Limits vary by compound
 --- = Not analyzed

Footnotes

a = 0.7 ppb 1,2 Dichloroethane detected
 b = 0.83 ppb 1,2-Dichloroethane detected
 c = 1.1 ppb 1,1,1 Trichloroethane detected
 d = 1.8 ppb 1,1-Dichloroethane, 0.51 ppb Tetrachloroethene,
 2.6 ppb 1,1,1-Trichloroethane and 5.6 ppb
 Trichlorofluoromethane detected

ATTACHMENT A

Analytic Reports for Ground Water

| | | |
|--|--------------------------------|--------------------------|
| Tank Solutions of San Francisco 1796 18 th Street , Suite C San Francisco, CA 94107 | Client Project ID: Albany Ford | Date Sampled: 12/13/94 |
| | | Date Received: 12/13/94 |
| | Client Contact: Roxanne Harris | Date Extracted: 12/13/94 |
| | Client P.O: | Date Analyzed: 12/13/94 |

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

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

| Lab ID | Client ID | Matrix | TPH(g) ⁺ | Benzene | Toluene | Ethylbenzene | Xylenes | % Rec. Surrogate |
|--|-----------|-----------|---------------------|---------|---------|--------------|---------|------------------|
| 43044 | MW-1 | W | ND | ND | ND | ND | ND | 97 |
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| 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

Tele: 510-798-1620 Fax: 510-798-1622

| | | |
|--|--------------------------------|--------------------------|
| Tank Solutions of San Francisco 1796 18 th Street , Suite C San Francisco, CA 94107 | Client Project ID: Albany Ford | Date Sampled: 12/13/94 |
| | | Date Received: 12/13/94 |
| | Client Contact: Roxanne Harris | Date Extracted: 12/14/94 |
| | Client P.O: | Date Analyzed: 12/14/94 |

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

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

| Lab ID | Client ID | Matrix | TPH(d) ⁺ | % Recovery Surrogate |
|--|-----------|--------|---------------------|----------------------|
| 43044 | MW-1 | W | ND | 94 |
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| 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(C_L) or heavy(C_H) 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.

McCAMPBELL ANALYTICAL INC.

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

| | | |
|---|--------------------------------|--------------------------|
| Tank Solutions of San Francisco 1796 18 th Street, Suite C San Francisco, CA 94107 | Client Project ID: Albany Ford | Date Sampled: 12/13/94 |
| | | Date Received: 12/13/94 |
| | Client Contact: Roxanne Harris | Date Extracted: 12/20/94 |
| | Client P.O: | Date Analyzed: 12/20/94 |


Petroleum Oil & Grease (with Silica Gel Clean-up) *

EPA methods 413.1, 9070 or 9071; Standard Methods 5520 B/E&F or 503 D&E for solids and 5520 B&F or 503 A&E for liquids

| Lab ID | Client ID | Matrix | Oil & Grease |
|--|-----------|----------|--------------|
| 43044 | MW-1 | W | ND |
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| Detection Limit unless other- wise stated; ND means Not Detected | W | 5 mg/L | |
| | S | 50 mg/kg | |

*water samples are reported in mg/L and soils in mg/kg

DHS Certification No. 1644

 Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553

Tele: 510-798-1620 Fax: 510-798-1622

| | | |
|---|--------------------------------|--------------------------|
| Tank Solutions of San Francisco 1796 18 th Street, Suite C San Francisco, CA 94107 | Client Project ID: Albany Ford | Date Sampled: 12/13/94 |
| | | Date Received: 12/13/94 |
| | Client Contact: Roxanne Harris | Date Extracted: 12/15/94 |
| | Client P.O.: | Date Analyzed: 12/15/94 |

Volatile Halocarbons

EPA method 601 or 8010

| | | | | |
|--|----------------|----------------|----------------|----------------|
| Lab ID | 43044 | | | |
| Client ID | MW-1 | | | |
| Matrix | W | | | |
| Compound ⁽¹⁾ | Concentration* | Concentration* | Concentration* | Concentration* |
| Bromodichloromethane | ND | | | |
| Bromoform ⁽²⁾ | ND | | | |
| Bromomethane | ND | | | |
| Carbon Tetrachloride ⁽³⁾ | ND | | | |
| Chlorobenzene | ND | | | |
| Chloroethane | ND | | | |
| 2-Chloroethyl Vinyl Ether ⁽⁴⁾ | ND | | | |
| Chloroform ⁽⁵⁾ | ND | | | |
| Chloromethane | ND | | | |
| Dibromochloromethane | ND | | | |
| 1,2-Dichlorobenzene | ND | | | |
| 1,3-Dichlorobenzene | ND | | | |
| 1,4-Dichlorobenzene | ND | | | |
| 1,1-Dichloroethane | ND | | | |
| 1,2-Dichloroethane | 0.83 | | | |
| 1,1-Dichloroethene | ND | | | |
| cis 1,2-Dichloroethene | ND | | | |
| trans 1,2-Dichloroethene | ND | | | |
| 1,2-Dichloropropane | ND | | | |
| cis 1,3-Dichloropropene | ND | | | |
| trans 1,3-Dichloropropene | ND | | | |
| Methylene Chloride ⁽⁶⁾ | ND < 1 | | | |
| 1,1,2,2-Tetrachloroethane | ND | | | |
| Tetrachloroethene ⁽⁷⁾ | ND | | | |
| 1,1,1-Trichloroethane | ND | | | |
| 1,1,2-Trichloroethane | ND | | | |
| Trichloroethene | ND | | | |
| Trichlorofluoromethane | ND | | | |
| Vinyl Chloride ⁽⁸⁾ | ND | | | |
| % Recovery Surrogate | 92 | | | |
| Comments | | | | |

Detection limit unless otherwise stated: water, ND < 0.5ug/L; soil, ND < 10ug/kg.

* water samples are reported in ug/L, soil samples in ug/kg and all TCLP extracts in ug/L

(1) IUPAC allows "ylene" or "ene"; ex ethylene or ethene; (2) tribromomethane; (3) tetrachloromethane; (4) (2-chloroethoxy) ethene; (5) trichloromethane; (6) dichloromethane; (7) perchlorethylene, PCE or perclor; (8) chloroethene; (9) unidentified peak(s) present.

DHS Certification No. 1644

Edward Hamilton, Lab Director

QC REPORT FOR HYDROCARBON ANALYSES

Date: 12/13-12/14/94

Matrix: Water

| Analyte | Concentration (ug/L) | | | Amount Spiked | % Recovery | | |
|------------------------|----------------------|-------|-------|---------------|------------|-------|-----|
| | Sample | MS | MSD | | MS | MSD | RPD |
| TPH (gas) | 0.0 | 95.0 | 100.0 | 100 | 95.0 | 100.0 | 5.1 |
| Benzene | 0 | 10.1 | 10.6 | 10 | 101.0 | 106.0 | 4.8 |
| Toluene | 0 | 10.2 | 10.7 | 10 | 102.0 | 107.0 | 4.8 |
| Ethyl Benzene | 0 | 10.3 | 10.8 | 10 | 103.0 | 108.0 | 4.7 |
| Xylenes | 0 | 32.3 | 33.8 | 30 | 107.7 | 112.7 | 4.5 |
| TPH (diesel) | 0 | 141 | 135 | 150 | 94 | 90 | 5.0 |
| TRPH (oil & grease) | 0 | 21600 | 21600 | 23700 | 91 | 91 | 0.0 |

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR HYDROCARBON ANALYSES

Date: 12/20/94

Matrix: Water

| Analyte | Concentration (ug/L) | | | Amount Spiked | % Recovery | | |
|------------------------|----------------------|-------|-------|---------------|------------|-------|-----|
| | Sample | MS | MSD | | MS | MSD | RPD |
| TPH (gas) | 0.0 | 101.8 | 104.0 | 100 | 101.8 | 104.0 | 2.2 |
| Benzene | 0 | 11.5 | 10.9 | 10 | 115.0 | 109.0 | 5.4 |
| Toluene | 0 | 11.3 | 10.8 | 10 | 113.0 | 108.0 | 4.5 |
| Ethyl Benzene | 0 | 11.3 | 10.8 | 10 | 113.0 | 108.0 | 4.5 |
| Xylenes | 0 | 34.5 | 32.8 | 30 | 115.0 | 109.3 | 5.1 |
| TPH (diesel) | 0 | 162 | 161 | 150 | 108 | 107 | 0.7 |
| TRPH (oil & grease) | 0 | 24500 | 24100 | 23700 | 103 | 102 | 1.6 |

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553

Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 12/15/94

Matrix: Water

| Analyte | Concentration (ug/L) | | | | % Recovery | | |
|-----------------|----------------------|------|------|---------------|------------|-----|-----|
| | Sample | MS | MSD | Amount Spiked | MS | MSD | RPD |
| 1,1-DCE | 0.0 | 11.6 | 11.8 | 10.0 | 116 | 118 | 1.7 |
| Trichloroethene | 0.0 | 9.8 | 9.7 | 10.0 | 98 | 97 | 1.0 |
| EDB | 0.0 | 8.4 | 9.1 | 10.0 | 84 | 91 | 8.0 |
| Chlorobenzene | 0.0 | 10.1 | 10.4 | 10.0 | 101 | 104 | 2.9 |
| Benzene | 0.0 | 10.6 | 10.6 | 10.0 | 106 | 106 | 0.0 |
| Toluene | 0.0 | 11.6 | 11.5 | 10.0 | 116 | 115 | 0.9 |
| Chlorobz (PID) | 0.0 | 10.4 | 10.5 | 10.0 | 104 | 105 | 1.0 |

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

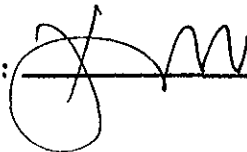
Tank Solutions of San Francisco, Inc.
 1796 18th Street, Suite C
 San Francisco, CA 94107
 Tele: (415)863-8100 Fax: (415)863-8156

3379AYS90

CHAIN OF CUSTODY RECORD

ANALYSIS REQUEST

Owner: ALBANY FORD
 Address: 718 ~~ST~~ SAN PABLO AVE, ALBANY
 Phn: NONE Fax: _____

Sampler: DAN
 Sampler Signature: 


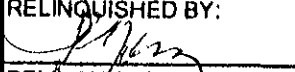

Project Location: ALBANY
 Project #: _____
 Bill To: _____

TURN AROUND TIME: STND

| | | | | | | |
|------------------------|---------------|------------------------------|------------------------------|-----------------------------|-----|--------|
| BTEX & TPH as Gasoline | TPH as Diesel | Total Petroleum Oil & Grease | Heavy Metals (Asst. Methods) | LUFT METALS (Asst. Methods) | RCI | Other: |
| X | X | X | X | X | | |

| Laboratory Number | Sample ID Number | Sampling | | # of Containers | Type Containers | Matrix | | | | Method Preserved | | | FIELD REMARKS: |
|-------------------|------------------|----------|------|-----------------|-----------------|--------|------|--------|-------|------------------|------|-----|----------------|
| | | Date | Time | | | Water | Soil | Sludge | Other | HCL | HNO3 | ICE | |
| | MW-1 | 12/13/94 | | | | X | | | | | | | |
| | | | | | | X | | | | | | | |
| | | | | | | X | | | | | | | |
| | | | | | | X | | | | | | | |
| | | | | | | X | | | | | | | |

43044

| | | | |
|---|----------------|------------|--|
| RELINQUISHED BY:  | Date: 12/13/94 | Time: 4:15 | RECEIVED BY: <u>Rhodes - 701</u> |
| RELINQUISHED BY:  | Date: 12/13 | Time: 5:12 | RECEIVED BY:  |
| RELINQUISHED BY: | Date: | Time: | RECEIVED BY: |

NOTES:

ICE/T ° ✓
 GOOD CONDITION ✓
 HEAD SPACE / SCENT ✓

PRESERVATIVE APPROPRIATE CONTAINERS ✓

VOAS ✓ D & G ✓ METALS ✓ OTHER ✓

| Subsurface Environmental 11072 San Pablo Ave, # 315 El Cerrito, CA 94530 | | | | Client Project ID: Albany Ford | | | Date Sampled: 01/12/95 | | |
|--|-----------|--------|-------------------------|--------------------------------|------------|------------|--------------------------|------------|--|
| | | | | | | | Date Received: 01/12/95 | | |
| | | | | Client Contact: Roxanne Harris | | | Date Extracted: 01/17/95 | | |
| | | | | Client P.O: | | | Date Analyzed: 01/17/95 | | |
| LUFT Metals* | | | | | | | | | |
| EPA analytical methods | | | | 239.2,7420 ⁺ | 213.1,7130 | 218.1,7190 | 249.1,7520 | 289.1,7950 | |
| Lab ID | Client ID | Matrix | Extraction ^o | Lead * | Cadmium * | Chromium * | Nickel * | Zinc * | |
| 43544 | MW-1 | W | TTLC | ND | ND | ND | ND | 0.080 | |
| 43545 | MW-2 | W | TTLC | ND | ND | ND | 0.040 | 0.12 | |
| 43546 | MW-3 | W | TTLC | ND | ND | ND | ND | 0.10 | |
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| | | | | | | | | | |
| Detection Limit unless otherwise stated; ND means Not Detected | | W | TTLC | 0.005mg/L | 0.01 | 0.005 | 0.02 | 0.05 | |
| | | S | TTLC | 4.0 mg/kg | 1.0 | 5.0 | 2.0 | 1.0 | |
| | | --- | STLC,TCLP | 0.20 mg/L | 0.05 | 0.25 | 0.10 | 0.05 | |
| * soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L | | | | | | | | | |
| + Lead is analysed using EPA method 7420 (AA Flame)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples | | | | | | | | | |
| ^o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22 | | | | | | | | | |

QC REPORT FOR AA METALS

Date: 01/17/95

Matrix: Water

| Analyte | Concentration (mg/L) | | | Amount | % Recovery | | |
|----------------|----------------------|------|------|--------|------------|-----|-----|
| | Sample | MS | MSD | | MS | MSD | RPD |
| Total Lead | 0.00 | 4.80 | 4.72 | 5.00 | 96 | 94 | 1.7 |
| Total Cadmium | 0.00 | 4.73 | 4.67 | 5.00 | 95 | 93 | 1.3 |
| Total Chromium | 0.00 | 4.73 | 4.66 | 5.00 | 95 | 93 | 1.5 |
| Total Nickel | 0.00 | 4.73 | 4.68 | 5.00 | 95 | 94 | 1.1 |
| Total Zinc | 0.00 | 4.73 | 4.67 | 5.00 | 95 | 93 | 1.3 |
| STLC Lead | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total Copper | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

3507 ASE56

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7

PACHECO, CA 94553

(510) 798-1620

FAX (510) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH 24 HOUR 48 HOUR 5 DAY

REPORT TO:

BILL TO:

COMPANY: SUBSURFACE ENV.


TELE: 415-863-8160

FAX #: 415-863-8156

PROJECT NUMBER:

PROJECT NAME: ALBANY FORD

PROJECT LOCATION: ALBANY FORD

SAMPLER SIGNATURE: 

ANALYSIS REQUEST

OTHER

| | | |
|---|--|--|
| BTEX & TPH as Gasoline (602/8020 & 8015) | | |
| THP as Diesel (8015) | | |
| Total Petroleum OI & Grease (5520 E&F/5520 B&F) | | |
| Total Petroleum Hydrocarbons (418.1) | | |
| EPA 501/8010 | | |
| EPA 502/8020 | | |
| EPA 508/8080 | | |
| EPA 608/8080 - PCBs Only | | |
| EPA 624/8240/8260 | | |
| EPA 625/8270 | | |
| CAM - 17 Metals | | |
| EPA - Priority Pollutant Metals | | |
| LEAD (7240/7421/239.2/6010) | | |
| ORGANIC LEAD | | |
| REI | | |
| LVET METALS | | |

COMMENTS

43544
43545
43546

| SAMPLE ID | LOCATION | SAMPLING | | # CONTAINERS | TYPE CONTAINERS | MATRIX | | | | | METHOD PRESERVED | | | | | | |
|-----------|----------|----------|------|--------------|-----------------|--------|------|-----|--------|-------|------------------|------------------|--------------|--|--|--|--|
| | | DATE | TIME | | | WATER | SOIL | AIR | SLUDGE | OTHER | HCL | HNO ₃ | OTHER (spec) | | | | |
| MW-1 | | 1/12 | 1115 | 1 | GLS | X | | | | | | | | | | | |
| MW-2 | | 1/12 | 1130 | 1 | GLS | X | | | | | | | | | | | |
| MW-3 | | 1/12 | 1145 | 1 | GLS | X | | | | | | | | | | | |

RELINQUISHED BY:

DATE

TIME

RECEIVED BY:

RELINQUISHED BY:

DATE

TIME

RECEIVED BY:

RELINQUISHED BY:

DATE

TIME

RECEIVED BY LABORATORY:

REMARKS:

ICE/ GOOD CONDITION HEAD SPACE ABSENT

PRESERVATIVE APPROPRIATE CONTAINERS

VOAS [D & G] [METALS] OTHER

Filtered & Preserved upon Receipt.