SEMS-RM DOCID # 1166072

# Dial Corporation

## Final Closure Report

## The Dial Corporation Facility
## South Gate, California

ENSR

VOLUME II

Appendices B and C

**May 1997**

**Document Number 2277-006**

# APPENDIX B

# CERTIFIED ANALYTICAL LABORATORY REPORTS: CLOSURE SAMPLES

9648-3741

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) November 18, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961615-Add Job No: B01295
Date Received: 20-SEP-96 Sampled By: Client
Project: DIAL Sample ID: See Below

**RESULTS**

On September 20, 1996, thirty (30) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On November 14, 1996, additional analysis were added to Lab No. 961615 per customer request. This report consists of 1 page excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| Q-E | 96161501 |
| ZZ | 96161502 |
| I1-A | 96161503 |
| I1-B | 96161504 |
| B5-K | 96161505 |
| V-NM | 96161506 |
| BT-A | 96161507 |
| A VIII-MN | 96161508 |
| CT-I | 96161509 |
| B5-L | 96161510 |
| HA-7 | 96161511 |
| BT-B | 96161512 |
| AI-B | 96161513 |
| A IIIV N | 96161514 |
| A IIIV S | 96161515 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) November 18, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961615-Add Job No: B01295
Date Received: 20-SEP-96 Sampled By: Client
Project: DIAL Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| V-SM | 96161516 |
| Q-W | 96161517 |
| B1-H | 96161518 |
| A1-A | 96161519 |
| B5-M | 96161520 |
| K-1 | 96161521 |
| V-N | 96161522 |
| HA-1 | 96161523 |
| V-S | 96161524 |
| A IIIV MS | 96161525 |
| I1-D | 96161526 |
| I1-C | 96161527 |
| HA-8 | 96161528 |
| J-N | 96161529 |
| J-S | 96161530 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961615
Date Received: 9/20/96
Date Analyzed: 11/15/96

Sample Matrix: Soil
Date Sampled: 9/20/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/kg) | Dil Factor | PQL (mg/kg) |
|---|---|---|---|---|
| 96161503-ADD | I1-A | 6.1 | 1.00 | 1 |
| 96161504-ADD | I1-B | 43 | 1.00 | 1 |
| 96161526-ADD | I1-C | 2.8 | 1.00 | 1 |
| 96161527-ADD | I1-D | 87 | 1.00 | 1 |
| 961615-MB-ADD | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) November 7, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961772 Job No: B01295
Date Received: 14-OCT-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On October 14, 1996, eight (8) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 1 page excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| AP/B-1/6.0 | 96177201 |
| AP/B-2/6.0 | 96177202 |
| AP/S-1/3.0 | 96177203 |
| AP/S-2/3.0 | 96177204 |
| AP/S-3/3.0 | 96177205 |
| AP/S-4/3.0 | 96177206 |
| AP/ST-1/- | 96177207 |
| AP/ST-2/- | 96177208 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro (9648-3411)
Lab ID: 961772
Analyst: NH,CY

Sample Matrix: Soil
Date Received: 10/14/96
Date Sampled: 10/14/96

**pH RESULTS**
**EPA METHOD 9045**

| CAS Lab # | Sample ID | RESULTS Ph (mg/kg) | PQL (mg/kg) | Date Analyzed |
|---|---|---|---|---|
| 96177201 | AP/B-1/6.0 | 7.4 | -- | 10/14/96 |
| 96177202 | AP/B-2/6.0 | 8.4 | -- | 10/25/96 |
| 96177203 | AP/S-1/3.0 | 8.4 | -- | 10/14/96 |
| 96177204 | AP/S-2/3.0 | 4.3 | -- | 10/14/96 |
| 96177205 | AP/S-3/3.0 | 7.5 | -- | 10/14/96 |
| 96177206 | AP/S-4/3.0 | 7.0 | -- | 10/25/96 |
| 96177207 | AP/ST-1/- | 7.6 | -- | 10/14/96 |
| 96177208 | AP/ST-2/- | 7.2 | -- | 10/14/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Khoirsky
Principal Analyst

Form: V1a.(7/93)

961772

# CHAIN OF CUSTODY RECORD

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: Capco Analytical | LABORATORY LOCATION: Ventura | DATE: 10-14-96 | FM JOB No.: 9649-3411 |
| CLIENT: Dial | PROJECT: Dial Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | AP | AP/B-1/6.0 | 10/14 | 09:50 | 1 | 1 | S | A | A |
| 2 | AP | AP/B-2/6.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | Hold |
| 3 | AP | AP/S-1/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | A |
| 4 | AP | AP/S-2/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | A |
| 5 | AP | AP/S-3/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | A |
| 6 | AP | AP/S-4/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | Hold |
| 7 | AP | AP/ST-1/2 | ↓ | 09:59 | ↓ | ↓ | ↓ | ↓ | A |
| 8 | AP | AP/ST-2/2 | ↓ | 09:59 | ↓ | ↓ | ↓ | ↓ | A |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2 ½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | PH EPA 9045 |
| 2 | Brass or stainless steel sleeve, 1 ½-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) | DATE: 10-14-96 | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Antonio CAS | DATE: 10/14/96 | TIME: 1345 |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal TAT

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17D\custody 713

9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (96-48-3411) October 30, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961832 Job No: B01295
Date Received: 22-OCT-96 Sampled By: Client
Project: Dial Corp. Closure Sampling Sample ID: See Below

**RESULTS**

On October 22,1996 nine (9) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 14 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| R-1 | 96183201 |
| R-2 | 96183202 |
| R-SP-1 | 96183203 |
| R-SP-2 | 96183204 |
| R-SP-3 | 96183205 |
| R-SP-4 | 96183206 |
| S-5 | 96183207 |
| B-3 | 96183208 |
| B-4 | 96183209 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961832 Date Received: 10/22/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96183201** | | **Date Extracted: 10/24/96** | | |
| **Client ID: R-1** | | **Date Analyzed: 10/24/96** | | |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 49 | 1.0 | 10 | 71 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96183202** | | **Date Extracted: 10/24/96** | | |
| **Client ID: R-2** | | **Date Analyzed: 10/24/96** | | |
| TPH - (C4 - C12) | 0.61 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 13 | 1.0 | 10 | 72 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 961832-MB** | | **Date Extracted: 10/24/96** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 10/24/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 95 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961832 Date Received: 10/22/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96183210-Comp.** | | **Date Extracted: 10/24/96** | | |
| **Client ID: Comp.R-SP-1,2,3,4** | | **Date Analyzed: 10/24/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 75 |
| TPH - (C23+) | 21 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: R-1
CAS LAB NO: 96183201
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1207

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 25 | 100 |
| Bromobenzene | BQL | 25 | 200 |
| Bromochloromethane | BQL | 25 | 200 |
| Bromodichloromethane | BQL | 25 | 100 |
| Bromoform | BQL | 25 | 200 |
| Bromomethane | BQL | 25 | 80 |
| N-Butylbenzene | BQL | 25 | 100 |
| sec-Butylbenzene | BQL | 25 | 100 |
| tert-Butylbenzene | BQL | 25 | 100 |
| Carbon Tetrachloride | BQL | 25 | 50 |
| Chlorobenzene | BQL | 25 | 100 |
| Chloroethane | BQL | 25 | 100 |
| Chloroform | BQL | 25 | 200 |
| Chloromethane | BQL | 25 | 80 |
| 2-Chlorotoluene | BQL | 25 | 100 |
| 4-Chlorotoluene | BQL | 25 | 100 |
| Chlorodibromomethane | BQL | 25 | 100 |
| 1,2-Dibromo-3-chloropropane | BQL | 25 | 1000 |
| 1,2-Dibromoethane | BQL | 25 | 200 |
| Dibromomethane | BQL | 25 | 100 |
| 1,2-Dichlorobenzene | BQL | 25 | 200 |
| 1,3-Dichlorobenzene | BQL | 25 | 100 |
| 1,4-Dichlorobenzene | BQL | 25 | 100 |
| Dichlorodifluoromethane | BQL | 25 | 50 |
| 1,1-Dichloroethane | BQL | 25 | 100 |
| 1,2-Dichloroethane | BQL | 25 | 80 |
| 1,1-Dichloroethene | BQL | 25 | 80 |
| cis-1,2-Dichloroethene | BQL | 25 | 100 |
| trans-1,2-Dichloroethene | BQL | 25 | 100 |
| 1,2-Dichloropropane | BQL | 25 | 100 |
| 1,3-Dichloropropane | BQL | 25 | 100 |
| 2,2-Dichloropropane | BQL | 25 | 100 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: R-1
CAS LAB NO: 96183201
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1207

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 25 | 50 |
| Ethylbenzene | BQL | 25 | 80 |
| Hexachlorobutadiene | BQL | 25 | 200 |
| Isopropylbenzene | BQL | 25 | 100 |
| p-Isopropyltoluene | BQL | 25 | 100 |
| Methylene Chloride | BQL | 25 | 200 |
| Napthalene | BQL | 25 | 500 |
| N-Propylbenzene | BQL | 25 | 100 |
| Styrene | BQL | 25 | 200 |
| 1,1,1,2-Tetrachloroethane | BQL | 25 | 100 |
| 1,1,2,2-Tetrachloroethane | BQL | 25 | 200 |
| Tetrachloroethene | BQL | 25 | 80 |
| Toluene | BQL | 25 | 100 |
| 1,2,3-Trichlorobenzene | BQL | 25 | 200 |
| 1,2,4-Trichlorobenzene | BQL | 25 | 200 |
| 1,1,1-Trichloroethane | BQL | 25 | 100 |
| 1,1,2-Trichloroethane | BQL | 25 | 200 |
| Trichloroethylene | BQL | 25 | 80 |
| Trichlorofluoromethane | BQL | 25 | 80 |
| 1,2,3-Trichloropropane | BQL | 25 | 500 |
| **1,2,4-Trimethylbenzene** | **650** | **25** | **100** |
| **1,3,5-Trimethylbenzene** | **190** | **25** | **100** |
| Vinyl Chloride | BQL | 25 | 50 |
| total Xylenes | BQL | 25 | 500 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 104 | 81-117% |
| 4-Bromofluorobenzene | 93 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: R-2
CAS LAB NO: 96183202
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1210

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5 | 20 |
| Bromobenzene | BQL | 5 | 50 |
| Bromochloromethane | BQL | 5 | 50 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 5 | 50 |
| Bromomethane | BQL | 5 | 20 |
| N-Butylbenzene | BQL | 5 | 20 |
| sec-Butylbenzene | BQL | 5 | 20 |
| tert-Butylbenzene | BQL | 5 | 20 |
| Carbon Tetrachloride | BQL | 5 | 10 |
| Chlorobenzene | BQL | 5 | 20 |
| Chloroethane | BQL | 5 | 20 |
| Chloroform | BQL | 5 | 50 |
| Chloromethane | BQL | 5 | 20 |
| 2-Chlorotoluene | BQL | 5 | 20 |
| 4-Chlorotoluene | BQL | 5 | 20 |
| Chlorodibromomethane | BQL | 5 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 5 | 200 |
| 1,2-Dibromoethane | BQL | 5 | 50 |
| Dibromomethane | BQL | 5 | 20 |
| 1,2-Dichlorobenzene | BQL | 5 | 50 |
| 1,3-Dichlorobenzene | BQL | 5 | 20 |
| 1,4-Dichlorobenzene | BQL | 5 | 20 |
| Dichlorodifluoromethane | BQL | 5 | 10 |
| 1,1-Dichloroethane | BQL | 5 | 20 |
| 1,2-Dichloroethane | BQL | 5 | 20 |
| 1,1-Dichloroethene | BQL | 5 | 20 |
| cis-1,2-Dichloroethene | BQL | 5 | 20 |
| trans-1,2-Dichloroethene | BQL | 5 | 20 |
| 1,2-Dichloropropane | BQL | 5 | 20 |
| 1,3-Dichloropropane | BQL | 5 | 20 |
| 2,2-Dichloropropane | BQL | 5 | 20 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: R-2
CAS LAB NO: 96183202
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1210

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5 | 10 |
| Ethylbenzene | BQL | 5 | 20 |
| Hexachlorobutadiene | BQL | 5 | 50 |
| Isopropylbenzene | BQL | 5 | 20 |
| p-Isopropyltoluene | BQL | 5 | 20 |
| Methylene Chloride | BQL | 5 | 50 |
| Napthalene | BQL | 5 | 100 |
| N-Propylbenzene | BQL | 5 | 20 |
| Styrene | BQL | 5 | 50 |
| 1,1,1,2-Tetrachloroethane | BQL | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 5 | 50 |
| Tetrachloroethene | BQL | 5 | 20 |
| Toluene | BQL | 5 | 20 |
| 1,2,3-Trichlorobenzene | BQL | 5 | 50 |
| 1,2,4-Trichlorobenzene | BQL | 5 | 50 |
| 1,1,1-Trichloroethane | BQL | 5 | 20 |
| 1,1,2-Trichloroethane | BQL | 5 | 50 |
| Trichloroethylene | BQL | 5 | 20 |
| Trichlorofluoromethane | BQL | 5 | 20 |
| 1,2,3-Trichloropropane | BQL | 5 | 100 |
| 1,2,4-Trimethylbenzene | BQL | 5 | 20 |
| 1,3,5-Trimethylbenzene | BQL | 5 | 20 |
| Vinyl Chloride | BQL | 5 | 10 |
| total Xylenes | BQL | 5 | 100 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane* | 75 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 88 | 74-121% |

* Low surrogate recovery due to matrix interference.

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: R-SP-1
CAS LAB NO: 96183203
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1212

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: R-SP-1
CAS LAB NO: 96183203
Date Received:10/22/96
Date Sampled: 10/22/96

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1212

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961832-MB
Date Extracted: N/A

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961832-MB
Date Extracted: N/A

Date Analyzed: 10/24/96
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 91 | 80-120% |
| Toluene-d8 | 104 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961832
Date Received: 10/22/96
Date Analyzed: 10/23/96

Sample Matrix: Soil
Date Sampled: 10/22/96
Analyst: DK

## SOLUABLE CHLORIDE ANALYSIS

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96183201 | R-1 | 85 | 1 | 10 |
| 96183202 | R-2 | 43 | 1 | 10 |
| 96183203 | R-SP-1 | 42 | 1 | 10 |
| 96183204 | R-SP-2 | 37 | 1 | 10 |
| 96183205 | R-SP-3 | 46 | 1 | 10 |
| 96183206 | R-SP-4 | 70 | 1 | 10 |
| 961832-MB | Method Blank | BQL | 1 | 10 |

Note: Sample was analyzed on a 1:10 Soil/DI water extraction, results were reported based on original soil weight.

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961832
Date Received: 10/22/96
Date Analyzed: 10/24/96

Sample Matrix: Soil
Date Sampled: 10/22/96
Analyst: DK

**PHOSPHATE ANALYSIS**
**EPA Method 365.2m**

| CAS Lab # | Sample ID | RESULTS PO4 as P(mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96183201 | R-1 | BQL | 1 | 0.5 |
| 96183202 | R-2 | BQL | 1 | 0.5 |
| 96183203 | R-SP-1 | BQL | 1 | 0.5 |
| 96183204 | R-SP-2 | BQL | 1 | 0.5 |
| 96183205 | R-SP-3 | BQL | 1 | 0.5 |
| 96183206 | R-SP-4 | BQL | 1 | 0.5 |
| 961832-MB | Method Blank | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961832
Analyst: NH

Sample Matrix: Soil
Date Received: 10/22/96
Date Sampled: 10/22/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96183201 | R-1 | 10.7 | 10/23/96 |
| 96183202 | R-2 | 9.9 | 10/23/96 |
| 96183203 | R-SP-1 | 9.7 | 10/23/96 |
| 96183204 | R-SP-2 | 10.0 | 10/23/96 |
| 96183205 | R-SP-3 | 10.0 | 10/23/96 |
| 96183206 | R-SP-4 | 8.7 | 10/23/96 |
| 96183207 | S-5 | 7.8 | 10/23/96 |
| 96183208 | B-3 | 8.2 | 10/23/96 |
| 96183209 | B-4 | 8.4 | 10/23/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961832
Date Received: 10/22/96
Date Analyzed: 10/23/96

Sample Matrix: Soil
Date Sampled: 10/22/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1m**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96183201 | R-1 | 230 | 1.00 | 1 |
| 96183202 | R-2 | 47 | 1.00 | 1 |
| 96183203 | R-SP-1 | 32 | 1.00 | 1 |
| 96183204 | R-SP-2 | 6.5 | 1.00 | 1 |
| 96183205 | R-SP-3 | 69 | 1.00 | 1 |
| 96183206 | R-SP-4 | 110 | 1.00 | 1 |
| 961832-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

961832 - 1 of 2

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 10/22/96 | FM JOB No.: 96-48-3411 |
| CLIENT: DIAL CORP. | PROJECT: CLOSURE SAMPLING | | |
| PROJECT MANAGER: MIKE FLACK | SAMPLER (Signature): Eric K. Snelling | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | R-1 | MAIN CLARIFIER | 10/22/96 | 1207 | 6 | 1 | S | A | A,B,C,D,E |
| 2 | R-2 | MAIN CLARIFIER | | 1210 | | | | | A,B,C,D,E |
| 3 | R-SP1 | MAIN CLARIFIER STOCKPILE | | 1212 | | | | | A,B,C,D,E |
| 4 | R-SP2 | MAIN CLARIFIER STOCKPILE | | 1214 | | | | | A,B,C,D,E |
| 5 | R-SP3 | MAIN CLARIFIER STOCKPILE | | 1214 | | | | | A,B,C,D,E |
| 6 | R-SP4 | MAIN CLARIFIER STOCKPILE | | 1215 | | | | | A,B,C,D,E |
| 7 | S-5 | ACID PIT EXCAVATION | | 1235 | | | | | C |
| 8 | B-3 | ACID PIT EXCAVATION | | 1240 | | | | | C |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | TPH-FC (8015) |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | VOCs (8260) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | pH (9045) |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | MBAS (425.1) |
| 5 | Amber glass bottle with Teflon lined screw cap, 280 milliliters | PRESERVATION METHOD | | E | phosphate/chloride (300) |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) Eric K. Snelling | RECEIVED BY: (Signature) [signature] | DATE: 10/22/96 | TIME: 19:15 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Courier

TURNAROUND TIME: Regular

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0F17C\custody 713

R3 S8

Form: Vita.(7/93)

# CHAIN OF CUSTODY RECORD

961832 2 of 2

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 10/22/96 | FM JOB No.: 96-98-3411 |
| CLIENT: DIAL CORP. | PROJECT: CLOSURE SAMPLING | | |
| PROJECT MANAGER: MIKE FLACK | SAMPLER (Signature): Frank K. Snelling | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | B-4 | ACID PIT EXCAVATION | 10/22/96 | 1241 | 6 | 1 | S | A | C |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A Air | A |
| 2 Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S Solid | B |
| 3 Stainless steel sleeve, 1 inch diameter by 6 inches long | W Water | C pH (EPA 9045) |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | D Other | D |
| 5 Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | E |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H |
| 9 Plastic bottle, 1 liter | D None | I |
| 10 Other | E Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) Frank K. Snelling | RECEIVED BY: (Signature) Kelly Al | DATE: 10/22/96 | TIME: 1715 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

| | | |
|---|---|---|
| METHOD OF SHIPMENT: Courier | TURNAROUND TIME: Regular | SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

961832 - 1 of 2

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 10/22/96 | FM JOB No.: 96-48-3411 |
| CLIENT: DIAL CORP. | PROJECT: CLOSURE SAMPLING | | |
| PROJECT MANAGER: MIKE FLACK | SAMPLER (Signature): Eric K. Snelling | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | R-1 | MAIN CLARIFIER | 10/22/96 | 1207 | 6 | 1 | S | A | A,B,C,D,E |
| 2 | R-2 | MAIN CLARIFIER | | 1210 | | | | | A,B,C,D,E |
| 3 | R-SP1 | MAIN CLARIFIER STOCKPILE | | 1212 | | | | | A,B,C,D,E |
| 4 | R-SP2 | MAIN CLARIFIER STOCKPILE | | 1214 | | | | | A,B,C,D,E |
| 5 | R-SP3 | MAIN CLARIFIER STOCKPILE | | 1214 | | | | | A,B,C,D,E |
| 6 | R-SP4 | MAIN CLARIFIER STOCKPILE | | 1215 | | | | | A,B,C,D,E |
| 7 | S-5 | ACID PIT EXCAVATION | | 1235 | | | | | C |
| 8 | B-3 | ACID PIT EXCAVATION | | 1240 | | | | | C |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | TPH-FC (8015) |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | VOCs (8260) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | pH (9045) |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | MBAS (425.1) |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | phosphate/chloride (300) |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) Eric K. Snelling | RECEIVED BY: (Signature) [signature] | DATE: 10/22/96 | TIME: 19:15 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Courier

TURNAROUND TIME: Regular

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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93.0F17C\custody 713

R3 S8

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

961832 2 of 2

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 10/22/96 | FM JOB No.: 96-48-3411 |
| CLIENT: DIAL CORP. | PROJECT: CLOSURE SAMPLING | | |
| PROJECT MANAGER: MIKE FLACK | SAMPLER (Signature): Frank K. Snelling | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | B-4 | ACID PIT EXCAVATION | 10/22/96 | 1241 | 6 | 1 | S | A | C |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C pH (EPA 9045) |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | **PRESERVATION METHOD** | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) Frank K. Snelling | RECEIVED BY: (Signature) Kathy Al | DATE: 10/22/96 | TIME: 19:15 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Courier

TURNAROUND TIME: Regular

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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03.0F17\Custody 713

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 29, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961847 Job No: B01295
Date Received: 24-OCT-96 Sampled By: Client
Project: Dial UST Sample ID: See Below

**RESULTS**

On October 24,1996 four (4) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 5 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| R06-009-06 EAST | 96184701 |
| R06-009-05 WEST | 96184702 |
| R06-009-04 NORTH | 96184703 |
| R06-009-03 SOUTH | 96184704 |

RECEIVED
OCT 30 1996
FUGRO WEST, INC.

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: J.C.
Lab ID: 961847 Date Received: 10/24/96
Matrix: Soil

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96184701** | | **Date Analyzed: 10/24/96** | | |
| **Sample ID: R06-009-06 East** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 96 |
| **CAS Lab #: 96184702** | | **Date Analyzed: 10/24/96** | | |
| **Sample ID: R06-009-05 West** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | 17 | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 98 |
| **CAS Lab #: 96184703** | | **Date Analyzed: 10/24/96** | | |
| **Sample ID: R06-009-04 North** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 97 |

Surrogate Control Limits: 85 - 107%
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Adar
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: J.C.
Lab ID: 961847 Date Received: 10/24/96
Matrix: Soil

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96184704** | | **Date Analyzed: 10/24/96** | | |
| **Sample ID: R06-009-03 South** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 97 |
| **CAS Lab #: 961847-MB** | | **Date Analyzed: 10/24/96** | | |
| **Sample ID: Method Blank** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 98 |

Surrogate Control Limits: 85 - 107%
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Abaci
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961847 Date Received: 10/24/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96184701** | | **Date Extracted: 10/25/96** | | |
| **Client ID: R06-009-06 East** | | **Date Analyzed: 10/25/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 150 | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96184702** | | **Date Extracted: 10/25/96** | | |
| **Client ID: R06-009-05 West** | | **Date Analyzed: 10/25/96** | | |
| TPH - (C4 - C12) | 1.1 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 160 | 1.0 | 10 | 76 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96184703** | | **Date Extracted: 10/25/96** | | |
| **Client ID: R06-009-04 North** | | **Date Analyzed: 10/25/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 77 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961847 Date Received: 10/24/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96184704** | | **Date Extracted: 10/25/96** | | |
| **Client ID: R06-009-03 South** | | **Date Analyzed: 10/25/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 36 | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 961847-MB** | | **Date Extracted: 10/25/96** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 10/25/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 100 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Abou
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( Project Number)
Lab ID: 961847
Date Received: 10/24/96
Date Analyzed: 10/25/96

Sample Matrix: Soil
Date Sampled: 10/23/96
Analyst: DK

**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS**

| CAS Lab # | Sample ID | RESULTS TRPH (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96184701 | R06-009-06 East | 110 | 1.00 | 10 |
| 96184702 | R06-009-05 West | 50 | 1.00 | 10 |
| 96184703 | R06-009-04 North | BQL | 1.00 | 10 |
| 96184704 | R06-009-03 South | 23 | 1.00 | 10 |
| 961847-MB | Method Blank | BQL | 1.00 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 418.1m

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

# CHAIN of CUSTODY RECORD

DATE Oct -23, 1996
PAGE 1 of 1

Lab Project # 9648 3411 per

961847

CA-DHS ELAP CERTIFICATE # [redacted] Mike Flack 10/28 (CA3)

| | | | |
|---|---|---|---|
| REPORT TO: Fugro West - Attention Michael Flack | | PROJECT NAME: Dial UST | TURN AROUND TIME DESIRED: ☐ Same Day ☐ 24 Hour ☑ 48 Hour ☐ 72 Hour ☐ 1 Week ☐ Standard (2 Weeks) ☐ Others |
| STREET: 5855 Olivas Parkway | | PROJECT CONTACT: M. Flack | Confirmed |
| CITY: Ventura | STATE: CA | ZIP: 93003 | By |
| TEL: (805) 650-7000 | FAX: (805) 650-7010 | SAMPLER(S) SIGNATURE: [signature] | |
| SHIPPING INFORMATION: Courier Pickup by CAPCO | | ALL PER ANALYSES SAMPLES ARE TO BE: ☐ DISPOSED OF ☐ STORED (30 days) ☐ RETURNED TO CLIENT ☐ OTHER | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Signature): [signature] | RECEIVED BY (Signature): Gena Litmore CAS | DATE: 10/24/96 | TIME: 0930 |
| RELINQUISHED BY (Signature): | RECEIVED BY (Signature): | DATE: | TIME: |
| RELINQUISHED BY (Signature): | RECEIVED BY (Signature): | DATE: | TIME: |

| SAMPLE I.D. | LAB I.D. | SAMPLING DATE TIME | MATRIX | NO. of Containers | ANALYSIS REQUESTED | SAMPLE RECEIVED CONDITION | Sample Stored Location |
|---|---|---|---|---|---|---|---|
| R06-009-06 East | | 10-23-96 1335 | Soil | 1 | 418.1 TPH & BTEX 8020 | | |
| R06-009-05 West | | 10-23-96 1334 | Soil | 1 | 418.1 TPH & BTEX 8020 | | |
| R06-009-04 North | | 10-23-96 1341 | Soil | 1 | 418.1 TPH & BTEX 8020 | | |
| R06-009-03 South | | 10-23-96 1345 | Soil | 1 | 418.1 TPH & BTEX 8020 | | |

DISTRIBUTION: WHITE WITH REPORT • YELLOW TO COURIER

9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 22, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 961735 Job No: B01295
Date Received: 09-OCT-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On October 9, 1996, five (5) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 12 pages excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| DR.Z.3 | 96173501 |
| DR.DI.1 | 96173502 |
| DR.Y.3 | 96173503 |
| DR.EI.3 | 96173504 |
| DR.VD.3 | 96173505 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961735 Date Received: 10/ 9/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96173501** | | **Date Extracted: 10/10/96** | | |
| **Client ID: DR.Z.3** | | **Date Analyzed: 10/10/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 961735-MB** | | **Date Extracted: 10/10/96** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 10/10/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: DR.Y.3
CAS LAB NO: 96173503
Date Received:10/09/96
Date Sampled: 10/08/96

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1515

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: DR.Y.3
CAS LAB NO: 96173503
Date Received:10/09/96
Date Sampled: 10/08/96

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1515

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 110 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 102 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: DR.VD.3
CAS LAB NO: 96173505
Date Received:10/09/96
Date Sampled: 10/08/96

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1555

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **54** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaa
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: DR.VD.3
CAS LAB NO: 96173505
Date Received:10/09/96
Date Sampled: 10/08/96

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1555

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 98 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 108 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961735-MB
Date Extracted: N/A

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961735-MB
Date Extracted: N/A

Date Analyzed: 10/09/96
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 103 | 80-120% |
| Toluene-d8 | 110 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961735
Date Received: 10/ 9/96
Date Analyzed: 10/10/96

Sample Matrix: Wet Extract
Date Sampled: 10/ 8/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 96173501 | DR.Z.3 | 18 | 1.00 | 0.1 |
| 961735-MB | Method Blank | BQL | 1.00 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Kliovsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961735
Date Received: 10/ 9/96

Sample Matrix: Soil
Date Sampled: 10/ 8/96
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96173505 | DR.VD.3 | BQL | 1 | 10 |
| 961735-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961735
Date Received: 10/ 9/96
Date Analyzed: 10/10/96

Sample Matrix: Soil
Date Sampled: 10/ 8/96
Analyst: DK

## SOLUABLE CHLORIDE ANALYSIS

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96173501 | DR.Z.3 | 52 | 1 | 10 |
| 96173502 | DR.D1.1 | 100 | 1 | 10 |
| 96173504 | DR.E1.3 | 110 | 1 | 10 |
| 96173505 | DR.VD.3 | 330 | 10 | 100 |
| 961735-MB | Method Blank | BQL | 1 | 10 |

Note: Sample was analyzed on a 1:10 Soil/DI water extraction, results were reported based on original soil weight.

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Khionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961735
Analyst: NH

Sample Matrix: Soil
Date Received: 10/ 9/96
Date Sampled: 10/ 8/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96173501 | DR.Z.3 | 8.2 | 10/ 9/96 |
| 96173502 | DR.D1.1 | 9.2 | 10/ 9/96 |
| 96173503 | DR.Y.3 | 9.0 | 10/ 9/96 |
| 96173504 | DR.E1.3 | 9.8 | 10/ 9/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Khionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services, Inc. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA 93003**
**(805) 984-2416**

---

Client: Fugro (9648-3411) CAS LAB NO: 961735
Date Analyzed: 10/21/96
Analysis by Truesdail Laboratories, Inc.

---

**FORMALDEHYDE EPA Method 8315**

Milligrams per Kilograms

| CAS Lab No | SAMPLE ID | Formaldehyde | Detection Limit |
|---|---|---|---|
| 961735-05 | DR.VD.3 | 2.7 | 2 |
| 961735-MB | Method Blank | 1.5 | 2 |

Dan Farel
Principal Analyst

4648-3411

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: October 21, 1996
Recv'd: October 8, 1996
Lab. No.: 92644
P.O. No.: 1569

Samples: One (1) soil sample labelled as shown in the table below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 10/8/96
Date Extracted: 10/16/96
Date Analyzed: 10/23/96

Milligrams per Kilograms

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Method Blank | 1.5 | 2 |
| 961735-05 | 2.7 | 2 |

ND-Not detected.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods

OCT 28 1996

FUGRO-WEST, INC.


This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

Form: Vta.(7/93)

961735

# CHAIN OF CUSTODY RECORD

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY CAPCO | LABORATORY LOCATION VENTURA | DATE 10.8.96 | FM JOB No. 9648 3411 |
| CLIENT DIAL | PROJECT SOIL SAMPLING | | |
| PROJECT MANAGER Michael Flack | SAMPLER (Signature) Ryan Zukor | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DR-Z-3 | DRAIN Z @ 3.0' | 10/8/96 | 1433 | 3 | 1 | S | ICE | A B C D |
| 2 | DR-D1-1 | DRAIN D-1 @ 1.0' | ↓ | 1502 | ↓ | ↓ | ↓ | ↓ | B C |
| 3 | DR-Y-3 | DRAIN Y @ 3.0' | ↓ | 1515 | ↓ | ↓ | ↓ | ↓ | B E |
| 4 | DR-E1-3 | DRAIN E-1 @ 3.0' | ↓ | 1539 | ↓ | ↓ | ↓ | ↓ | C B |
| 5 | DR-VD-3 | DRAIN V-D @ 3.0' | ↓ | 1555 | ↓ | ↓ | ↓ | ↓ | C E F G |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A TPH 8015 MOD FC |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B PH 9045 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C CHLOR 300 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D MBASS 425.1 |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E VOC 8260 |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F AMMON. 350.3 |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G FORMALDAHYDE |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | ✓ → NCASI 487 |
| 9 | Plastic bottle, 1 liter | D | None | ✓ |
| 10 | Other | E | Other | ✓ |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) Ryan Zukor | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 10.9.96 | TIME: 845 |

METHOD OF SHIPMENT: DELIVER

TURNAROUND TIME: NORMAL

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93 OF 17Cloustody 713

R4 S3

9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 21, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961754 Job No: B01295
Date Received: 10-OCT-96 Sampled By: Client
Project: Dial Southgate Sample ID: See Below

**RESULTS**

On October 10, 1996, twenty seven (27) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 15 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| BT-1/-/- | 96175401 |
| BT-2/-/- | 96175402 |
| BT-3/-/- | 96175403 |
| BT-4/-/- | 96175404 |
| K-1/-/- | 96175405* |
| K-2/-/- | 96175406* |
| K-3/-/- | 96175407* |
| K-4/-/- | 96175408* |
| N-1/-/- | 96175409* |
| N-2/-/- | 96175410* |
| E-1/-/ | 96175411* |
| E-2/-/- | 96175412* |
| E-3/-/- | 96175413* |
| W-1/-/- | 96175414* |
| W-2/-/- | 96175415* |

RECEIVED
OCT 22 1996
FUGRO WEST, INC.

Dan Farah
Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 21, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961754 Job No: B01295
Date Received: 10-OCT-96 Sampled By: Client
Project: Dial Southgate Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| W-3/-/- | 96175416* |
| S-1/-/- | 96175417* |
| S-2/-/- | 96175418* |
| S-3/-/- | 96175419* |
| S-4/-/- | 96175420* |
| ZX-SP-1 | 96175421 |
| G-SP-1 | 96175422 |
| ZX-1-6.0 | 96175423 |
| ZX-2-3.0 | 96175424 |
| G-1/4.0 | 96175425 |
| ZX-3-3.0 | 96175426 |
| ZX-4-3.0 | 96175427 |
| COMPOSITE K (961754-05,06,07,08) | 96175428 |
| COMPOSITE N (961754-09,10) | 96175429 |
| COMPOSITE E (961754-11,12,13) | 96175430 |
| COMPOSITE W (961754-14,15,16) | 96175431 |
| COMPOSITE S (961754-17,18,19,20) | 96175432 |

(* ON HOLD PER CUSTOMER REQUEST)

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961754 Date Received: 10/10/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96175401** | | **Date Extracted: 10/14/96** | | |
| **Client ID: BT-1/-/-** | | **Date Analyzed: 10/15/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 39 | 1.0 | 10 | 79 |
| TPH - (C23+) | 79 | | | |
| **CAS Lab #: 96175402** | | **Date Extracted: 10/14/96** | | |
| **Client ID: BT-2/-/-** | | **Date Analyzed: 10/15/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 110 | 1.0 | 10 | 87 |
| TPH - (C23+) | 160 | | | |
| **CAS Lab #: 96175403** | | **Date Extracted: 10/14/96** | | |
| **Client ID: BT-3/-/-** | | **Date Analyzed: 10/15/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 140 | 3.0 | 30 | 80 |
| TPH - (C23+) | 220 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961754 Date Received: 10/10/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96175404** | | **Date Extracted: 10/14/96** | | |
| **Client ID: BT-4/-/-** | | **Date Analyzed: 10/15/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 22 | 1.0 | 10 | 65 |
| TPH - (C23+) | 47 | | | |
| **CAS Lab #: 961754-MB** | | **Date Extracted: 10/14/96** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 10/15/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: J.C.
Lab ID: 961754 Date Received: 10/10/96
Matrix: Soil

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96175401** | | **Date Analyzed: 10/11/96** | | |
| **Sample ID: BT-1/-/-** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 95 |
| **CAS Lab #: 96175402** | | **Date Analyzed: 10/11/96** | | |
| **Sample ID: BT-2/-/-** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 92 |
| **CAS Lab #: 96175403** | | **Date Analyzed: 10/11/96** | | |
| **Sample ID: BT-3/-/-** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 94 |

Surrogate Control Limits: 85 - 107%
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Composite S
Date Received:10/10/96
Date Sampled: 10/10/96

Sample Matrix: Soil
CAS LAB NO: 96175432-ADD
Date Analyzed: 10/18/96

**CAM 17 METALS ANALYSIS**

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| **Arsenic** | **18** | **0.5** | | | **500** | **5** | **7060** |
| **Barium** | **120** | **10** | | | **10000** | **100** | **6010** |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| **Chromium** | **12** | **9** | | | **2500** | **560** | **6010** |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| **Copper** | **12** | **10** | | | **2500** | **25** | **6010** |
| **Lead** | **9.7** | **0.6** | | | **1000** | **5** | **7421** |
| **Mercury** | **0.099** | **0.04** | | | **20** | **0.2** | **7471** |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| Nickel | BQL | 10 | | | 2000 | 20 | 6010 |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| Thallium | BQL | 0.2 | | | 700 | 7 | 7841 |
| Vanadium | 22 | 7 | | | 2400 | 24 | 6010 |
| **Zinc** | **52** | **10** | | | **5000** | **250** | **6010** |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Composite W
Date Received:10/10/96
Date Sampled: 10/10/96

Sample Matrix: Soil
CAS LAB NO: 96175431-ADD
Date Analyzed: 10/18/96

**CAM 17 METALS ANALYSIS**

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| **Arsenic** | **19** | **0.5** | | | **500** | **5** | **7060** |
| **Barium** | **120** | **10** | | | **10000** | **100** | **6010** |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| **Chromium** | **12** | **9** | | | **2500** | **560** | **6010** |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| **Copper** | **12** | **10** | | | **2500** | **25** | **6010** |
| **Lead** | **8.2** | **0.6** | | | **1000** | **5** | **7421** |
| **Mercury** | **0.069** | **0.04** | | | **20** | **0.2** | **7471** |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| Nickel | BQL | 10 | | | 2000 | 20 | 6010 |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| Thallium | BQL | 0.2 | | | 700 | 7 | 7841 |
| Vanadium | 24 | 7 | | | 2400 | 24 | 6010 |
| **Zinc** | **58** | **10** | | | **5000** | **250** | **6010** |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Dean Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Composite E
Date Received:10/10/96
Date Sampled: 10/10/96

Sample Matrix: Soil
CAS LAB NO: 96175430-ADD
Date Analyzed: 10/18/96

**CAM 17 METALS ANALYSIS**

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| **Arsenic** | **2.3** | **0.5** | | | **500** | **5** | **7060** |
| **Barium** | **130** | **10** | | | **10000** | **100** | **6010** |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| **Chromium** | **14** | **9** | | | **2500** | **560** | **6010** |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| **Copper** | **16** | **10** | | | **2500** | **25** | **6010** |
| **Lead** | **5.4** | **0.6** | | | **1000** | **5** | **7421** |
| Mercury | BQL | 0.04 | | | 20 | 0.2 | 7471 |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| Nickel | BQL | 10 | | | 2000 | 20 | 6010 |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| **Thallium** | **0.2** | **0.2** | | | **700** | **7** | **7841** |
| Vanadium | 23 | 7 | | | 2400 | 24 | 6010 |
| **Zinc** | **58** | **10** | | | **5000** | **250** | **6010** |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Composite N
Date Received:10/10/96
Date Sampled: 10/10/96

Sample Matrix: Soil
CAS LAB NO: 96175429-ADD
Date Analyzed: 10/18/96

**CAM 17 METALS ANALYSIS**

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| **Arsenic** | **39** | **0.5** | | | **500** | **5** | **7060** |
| **Barium** | **130** | **10** | | | **10000** | **100** | **6010** |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| **Chromium** | **15** | **9** | | | **2500** | **560** | **6010** |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| **Copper** | **16** | **10** | | | **2500** | **25** | **6010** |
| **Lead** | **12** | **10** | | | **1000** | **5** | **6010** |
| **Mercury** | **0.077** | **0.04** | | | **20** | **0.2** | **7471** |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| **Nickel** | **10** | **10** | | | **2000** | **20** | **6010** |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| Thallium | BQL | 0.2 | | | 700 | 7 | 7841 |
| Vanadium | 26 | 7 | | | 2400 | 24 | 6010 |
| **Zinc** | **86** | **10** | | | **5000** | **250** | **6010** |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Composite K
Date Received:10/10/96
Date Sampled: 10/10/96

Sample Matrix: Soil
CAS LAB NO: 96175428-ADD
Date Analyzed: 10/18/96

## CAM 17 METALS ANALYSIS

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| **Arsenic** | **20** | **0.5** | | | **500** | **5** | **7060** |
| **Barium** | **120** | **10** | | | **10000** | **100** | **6010** |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| **Chromium** | **14** | **9** | | | **2500** | **560** | **6010** |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| **Copper** | **17** | **10** | | | **2500** | **25** | **6010** |
| **Lead** | **41** | **10** | | | **1000** | **5** | **6010** |
| Mercury | BQL | 0.04 | | | 20 | 0.2 | 7471 |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| Nickel | BQL | 10 | | | 2000 | 20 | 6010 |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| **Thallium** | **0.2** | **0.2** | | | **700** | **7** | **7841** |
| Vanadium | 26 | 7 | | | 2400 | 24 | 6010 |
| **Zinc** | **67** | **10** | | | **5000** | **250** | **6010** |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961754-MB-ADD

Sample Matrix: Soil
Analyst: DK
Date Analyzed: 10/18/96

**CAM 17 METALS - METHOD BLANK ANALYSIS**

| METALS | TTLC (mg/Kg) | TTLC PQL (mg/Kg) | STLC (mg/L) | STLC PQL (mg/L) | CAM LIMITS TTLC (mg/Kg) | CAM LIMITS STLC (mg/L) | EPA METHOD |
|---|---|---|---|---|---|---|---|
| Antimony | BQL | 8 | | | 500 | 15 | 6010 |
| Arsenic | BQL | 0.5 | | | 500 | 5 | 7060 |
| Barium | BQL | 10 | | | 10000 | 100 | 6010 |
| Beryllium | BQL | 0.8 | | | 75 | 0.75 | 6010 |
| Cadmium | BQL | 1 | | | 100 | 1 | 6010 |
| Chromium | BQL | 9 | | | 2500 | 560 | 6010 |
| Cobalt | BQL | 10 | | | 8000 | 80 | 6010 |
| Copper | BQL | 10 | | | 2500 | 25 | 6010 |
| Lead | BQL | 10 | | | 1000 | 5 | 6010 |
| Lead | BQL | 0.6 | | | 1000 | 5 | 7421 |
| Mercury | BQL | 0.04 | | | 20 | 0.2 | 7471 |
| Molybdenum | BQL | 20 | | | 3500 | 350 | 6010 |
| Nickel | BQL | 10 | | | 2000 | 20 | 6010 |
| Selenium | BQL | 0.5 | | | 100 | 1 | 7740 |
| Silver | BQL | 2 | | | 500 | 5 | 6010 |
| Thallium | BQL | 0.2 | | | 700 | 7 | 7841 |
| Vanadium | BQL | 7 | | | 2400 | 24 | 6010 |
| Zinc | BQL | 10 | | | 5000 | 250 | 6010 |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Diana Klionsky
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961754
Date Received: 10/10/96
Date Analyzed: 10/10/96

Sample Matrix: Soil
Date Sampled: 10/10/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1m**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96175425 | G-1/4.0 | BQL | 1.00 | 1 |
| 961754-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Kliorsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961754
Date Received: 10/10/96
Date Analyzed: 10/11/96

Sample Matrix: Soil
Date Sampled: 10/10/96
Analyst: DK

**SOLUABLE CHLORIDE ANALYSIS**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96175425 | G-1/4.0 | 30 | 1 | 10 |
| 961754-MB | Method Blank | BQL | 1 | 10 |

Note: Sample was analyzed on a 1:10 Soil/DI water extraction, results were reported based on original soil weight.

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961754
Analyst: NH

Sample Matrix: Soil
Date Received: 10/10/96
Date Sampled: 10/10/96

**pH RESULTS**

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96175421 | ZX-SP-1 | 7.1 | 10/11/96 |
| 96175422 | G-SP-1 | 6.9 | 10/11/96 |
| 96175423 | ZX-1-6.0' | 7.8 | 10/11/96 |
| 96175424 | ZX-2-3.0' | 7.9 | 10/11/96 |
| 96175425 | G-1/4.0 | 8.1 | 10/11/96 |
| 96175426 | ZX-3-3.0 | 7.5 | 10/11/96 |
| 96175427 | ZX-4-3.0 | 6.6 | 10/11/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961754
Date Received: 10/10/96
Date Analyzed: 10/14/96

Sample Matrix: Soil
Date Sampled: 10/10/96
Analyst: DK

**PHOSPHATE ANALYSIS**
**EPA Method 365.2m**

| CAS Lab # | Sample ID | RESULTS PO4 as P(mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96175425 | G-1/4.0 | 1.2 | 1 | 0.5 |
| 961754-MB | Method Blank | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961754
Date Received: 10/10/96
Site: Dial South Gate

Sample Matrix: Soil
Analyst: DK
WIC: N/A

**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS**

| CAS Lab # | Sample ID | RESULTS TRPH (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96175428 | AComposite K | 130 | 1.00 | 10 |
| 96175429 | AComposite N | 320 | 1.00 | 10 |
| 96175430 | AComposite E | 45 | 1.00 | 10 |
| 96175431 | AComposite W | 310 | 1.00 | 10 |
| 96175432 | AComposite S | 190 | 1.00 | 10 |
| 961754 | MB-Method Blank | BQL | 1.00 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 418.1m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

961754 - 5

RH CQ

Form: VIII.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: Capco | LABORATORY LOCATION: Ventura | DATE: 10-10-96 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Dial Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | BT | BT-1/-/- | 10/10 | 0817 | 1 | 2 | S | ICE | Hydrocarbons |
| 2 | BT | BT-2/-/- | 10/10 | 0821 | 1 | 2 | S | ICE | |
| 3 | BT | BT-3/-/- | 10/10 | 0824 | 1 | 2 | S | ICE | |
| 4 | BT | BT-4/-/- | 10/10 | 0828 | 1 | 2 | S | ICE | |
| 5 | K | K-1/-/- | | 0839 | | | | | |
| 6 | K | K-2/-/- | | 0842 | | | | | |
| 7 | K | K-3/-/- | | 0845 | | | | | |
| 8 | K | K-4/-/- | | 0848 | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1 (3) 4, or 6 inches long | A | Air | A | EPA 9045 (pH) |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | TPH 8015 fuel fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water * | C | BTEX 8020 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | MBAS EPA 425.1 |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | (Chloride / Phosphate |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | EPA method 300.0) |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) | DATE: 10/10/96 | TIME: 1911 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) James [illegible] | DATE: | TIME: 1918 |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Courier

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: * MBAS - Methylene blue Active Substance

HANDLING INFORMATION: ↗ surfactant

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17Ocustody 713

961754

R4 S9

Form: Vla (7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: Capco | LABORATORY LOCATION: Ventura | DATE: 10-10-96 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Dial - South Gate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | N | N-1/2/2 | 10/10 | 0908 | 1 | 1 | S | ICE | Hold |
| 10 | N | N-2/2/2 | | 0911 | 1 | 1 | S | ICE | |
| 11 | E | E-1/2/2 | | 0915 | | | | | |
| 12 | E | E-2/2/2 | | 0916 | | | | | |
| 13 | E | E-3/2/2 | | 0917 | | | | | |
| 14 | W | W-1/2/2 | | 0926 | | | | | |
| 15 | W | W-2/2/2 | | 0927 | | | | | |
| 16 | W | W-3/2/2 | | 0928 | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 9045 PH |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | TPH 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | BTEX -8020 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | HBAS EPA425.1 |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | (Chlorite/Phosphate) |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | (EPA Method 300.0) |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) | DATE: 10-10-96 | TIME: 1911 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) [signature] | DATE: | TIME: 1912 |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME:

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form: Vta (7/93)

961754

R459

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: Cupco | LABORATORY LOCATION: Ventura | DATE: 10-10-96 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Dial - Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | S | S-1/2/2 | 10/10 | 09 30 | 1 | 1 | S | ICE | Hold |
| 18 | S | S-2/2/2 | | 09 31 | | | | | |
| 19 | S | S-3/2/2 | | 09 32 | | | | | |
| 20 | S | S-4/2/2 | | 09 33 | | | | | |
| 21 | ZX | ZX-SP-1 | | 16 46 | | | | | Hold |
| 22 | G | G-SP-1 | | 16 46 | | | | | Hold |
| 23 | ZX | ZX-1-6.0' | | 15 40 | | | | | A |
| 24 | ZX | ZX-2-3.0' | | 15 40 | | | | | A |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 9045 PA |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | See Page 164 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) | DATE: 10-10-96 | TIME: 19 11 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) E. Jean Allen-Eyre | DATE: | TIME: 19 18 |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: | TURNAROUND TIME: | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.DF17C\custody.713

Form: VIa.(7/93)

# CHAIN OF CUSTODY RECORD

961754 RH 59

Pg 4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: Cupco | LABORATORY LOCATION: Ventura | DATE: 10-10-96 | FM JOB No.: 9240-3411 |
| CLIENT: Dial | PROJECT: Dial Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | G | G-1/4.0 | 10/10 | 15:45 | 1 | 1 | S | ICE | A, ~~B~~ D, E |
| 26 | ZX | ZX-3-3.0 | " | 15:40 | " | " | " | " | A |
| 27 | ZX | ZX-4-3.0 | " | 15:40 | " | " | " | " | A |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2⅛-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 9045 PH |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | SEE page 1 of 4 |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | | PRESERVATION METHOD | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) | DATE: 10-10-96 | TIME: 1911 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: 1918 |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME:

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9548-3411) October 15, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961623 Job No: B01295
Date Received: 23-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On September 23, 1996, sixteen (16) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 1 page excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB-2/C/5.5 | 96162301* |
| EB-2/C/10.0 | 96162302* |
| EB-2/C/15.2 | 96162303* |
| EB-2/C/20.3 | 96162304 |
| EB-2/C/25.5 | 96162305 |
| EB-2/C/30.5 | 96162306* |
| EB-2/C/35.5 | 96162307* |
| EB-2/C/40.5 | 96162308* |
| EB-3/C/5.5 | 96162309* |
| EB-3/C/10.5 | 96162310* |
| EB-3/C/15.5 | 96162311* |
| EB-3/C/20.5 | 96162312* |
| EB-3/C/20.7 | 96162313 |
| EB-3/C/30.0 | 96162314* |
| EB-3/C/35.5 | 96162315 |
| EB-3/C/40.5 | 96162316* |

(* ON HOLD PER CUSTOMER REQUEST)

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

RECEIVED OCT 21 1996 FUGRO WEST, INC.

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services, Inc. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA 93003**
**(805) 644-1095**

Client: Fugro (9548-3411)
CAS LAB NO: 961623
Date Received: 09/23/96
Analysis Performed by Desert Analytics

Date Analyzed: 10-15/96
Date Sampled: 09/20/96
Sample Matrix: Soil

**TOTAL ORGANIC CARBON**

| CAS Lab # | Sample ID | Concentration % |
|---|---|---|
| 961623-04 | EB-2/C/20.3 | 0.31 |
| 961623-05 | EB-2/C/25.5 | 0.33 |
| 961623-13 | EB-3/C/15.5 | 0.34 |
| 961623-15 | EB-3/C/35.5 | 0.25 |

Method: 9060

Dan Farah

Dan Farah, Ph.D. - Department Supervisor

CAPCO Analytical Services, Inc.

**DESERT ANALYTICS**
*Analysis for the Chemical Elements*
*P.O. Box 41838*
*Tucson, Arizona 85717*
*Phone (520) 623-3381*
*Fax (520) 623-9218*

## *Certificate of Analysis*

Rhonda Hayes
ZALCO LABS
4309 Armour Avenue
Bakersfield, CA 93308

| Sample ID | %TOC | %H | %N | %S | %Cl | %P |
|---|---|---|---|---|---|---|
| 65316-1 | 0.31 | | | | | |
| 65316-2 | 0.33 | | | | | |
| 65316-3 | 0.34 | | | | | |
| 65316-4 | 0.25 | | | | | |

Richard C. Johnson, Ph.D.

Form: Vla.(7/93)

# CHAIN OF CUSTODY RECORD

61623-

| | | | |
|---|---|---|---|
| LABORATORY: Cupco Analytical | LABORATORY LOCATION: Ventura | DATE: 9-23-96 | FM JOB No.: 9E44-3411 |
| CLIENT: Dial | PROJECT: Former Dial Facility/Southgate | | |
| PROJECT MANAGER: Mike Flark | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB-2 | EB-2/C/5.5 | 9/20 | 10:35 | 1 | 1 | ST | ICE | Hold |
| 2 | EB-2 | EB-2/C/10.0 | ↓ | 10:59 | ↓ | ↓ | ↓ | ↓ | Hold |
| 3 | EB-2 | EB-2/C/15.2 | ↓ | 11:13 | ↓ | ↓ | ↓ | ↓ | Hold |
| 4 | EB-2 | EB-2/C/20.3 | ↓ | 11:38 | ↓ | ↓ | ↓ | ↓ | A |
| 5 | EB-2 | EB-2/C/25.5 | ↓ | 11:47 | ↓ | ↓ | ↓ | ↓ | A |
| 6 | EB-2 | EB-2/C/30.5 | ↓ | 12:14 | ↓ | ↓ | ↓ | ↓ | Hold |
| 7 | EB-2 | EB-2/C/35.5 | ↓ | 13:21 | ↓ | ↓ | ↓ | ↓ | Hold |
| 8 | EB-2 | EB-2/C/40.5 | ↓ | 13:41 | ↓ | ↓ | ↓ | ↓ | Hold |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A Air | A Total Organic Carbon 9066 |
| 2 Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S Solid | B |
| 3 Stainless steel sleeve, 1 inch diameter by 8 inches long | W Water | C |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O Other | D |
| 5 Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | E |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H |
| 9 Plastic bottle, 1 liter | D None | I |
| 10 Other | E Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) [illegible] | DATE: 9-23-96 | TIME: 3:40 P |
| RELINQUISHED BY: (Signature) [illegible] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 9/23/96 | TIME: 1515 |
| METHOD OF SHIPMENT: Courier | TURNAROUND TIME: Normal | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days | |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0F17Chcustody.713

61623

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 2 of

| | | | |
|---|---|---|---|
| LABORATORY: Cupco Analytical | LABORATORY LOCATION: Ventura | DATE: 9-23-96 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Former Dial Facility - Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB-3 | EB-3/C/15.5 | 9/20 | 14 16 | 1 | 1 | S | ICE | Hold |
| 10 | EB-3 | EB-3/C/10.5 | | 14 31 | | | | | Hold |
| 11 | EB-3 | EB-3/C/15.5 | | 14 45 | | | | | Hold |
| 12 | EB-3 | EB-3/C/20.5 | | 15 13 | | | | | Hold |
| 13 | EB-3 | EB-3/C/25.7' | | 15 29 | | | | | A |
| 14 | EB-3 | EB-3/C/30.0 | | 15 43 | | | | | Hold |
| 15 | EB-3 | EB-3/C/35.5 | | 16 43 | | | | | A |
| 16 | EB-3 | EB-3/C/40.5 | | 16 48 | | | | | Hold |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2 ½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A Total Organic Carbon 9060 |
| 2 | Brass or stainless steel sleeve, 1 ½-inch diameter by 4 inches long | S | Solid | B |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | | PRESERVATION METHOD | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) [illegible] | DATE: 9-23-96 | TIME: 3 PM |
| RELINQUISHED BY: (Signature) [illegible] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 9/23/96 | TIME: 1515 |

| | |
|---|---|
| METHOD OF SHIPMENT: Courier | TURNAROUND TIME: Normal |
| SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days | |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F170\custody.713

9648-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 15, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961772 Job No: B01295
Date Received: 14-OCT-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On October 14, 1996, eight (8) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 1 page excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| AP/B-1/6.0 | 96177201 |
| AP/B-2/6.0 | 96177202* |
| AP/S-1/3.0 | 96177203 |
| AP/S-2/3.0 | 96177204 |
| AP/S-3/3.0 | 96177205 |
| AP/S-4/3.0 | 96177206* |
| AP/ST-1/- | 96177207 |
| AP/ST-2/- | 96177208 |

(* ON HOLD PER CUSTOMER REQUEST)

RECEIVED
OCT 21 1996
FUGRO WEST, INC.

Dan Farah
Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961772
Analyst: NH

Sample Matrix: Soil
Date Received: 10/14/96
Date Sampled: 10/14/96

**pH RESULTS**

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96177201 | AP/B-1/6.0 | 7.4 | 10/14/96 |
| 96177203 | AP/S-1/3.0 | 8.4 | 10/14/96 |
| 96177204 | AP/S-2/3.0 | 4.3 | 10/14/96 |
| 96177205 | AP/S-3/3.0 | 7.5 | 10/14/96 |
| 96177207 | AP/ST-1/- | 7.6 | 10/14/96 |
| 96177208 | AP/ST-2/- | 7.2 | 10/14/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diane Kleonsky
Principal Analyst

CAPCO Analytical Services, Inc.

Form Vta.(7/93)

961772

# CHAIN OF CUSTODY RECORD

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: Capco Analytical | LABORATORY LOCATION: Ventura | DATE: 10-14-96 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Dial Southgate | | |
| PROJECT MANAGER: mike Fluck | SAMPLER (Signature): John R. Croft | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | AP | AP/B-1/B.0 | 10/14 | 09:58 | 1 | 1 | S | A | A |
| 2 | AP | AP/B-2/B.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | ~~A~~ Hold |
| 3 | AP | AP/S-1/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | A |
| 4 | AP | AP/S-2/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | ~~A~~ A |
| 5 | AP | AP/S-3/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | ~~A~~ A |
| 6 | AP | AP/S-4/3.0 | ↓ | 09:58 | ↓ | ↓ | ↓ | ↓ | ~~B~~ Hold |
| 7 | AP | AP/ST-1/~ | ↓ | 09:59 | ↓ | ↓ | ↓ | ↓ | A |
| 8 | AP | AP/ST-2/~ | ↓ | 09:59 | ↓ | ↓ | ↓ | ↓ | A |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | PH EPA 9045 |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Croft | RECEIVED BY: (Signature) | DATE: 10-14-96 | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Dutmore CAS | DATE: 10/14/96 | TIME: 1345 |

METHOD OF SHIPMENT:

TURNAROUND TIME: normal TAT

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 10, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 961515-ADD Job No: B01295
Date Received: 06-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On September 06, 1996, twenty eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On October 8, 1996 additional analysis were requested on Lab No. 96151509 and 96151514. This report consists of 1 page excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| A VI.A | 96151501 |
| A VI.B | 96151502 |
| A VII.A | 96151503 |
| A VII.B | 96151504 |
| A VII.C | 96151505 |
| A VII.D | 96151506 |
| A VII.E | 96151507 |
| HA.6.3.5 | 96151508 |
| HA.5.3.5 | 96151509 |
| F.1.3 | 96151510 |
| G.1.3 | 96151511 |
| H.1.3 | 96151512 |
| G.H.3 | 96151513 |
| HA.2.3 | 96151514 |
| C.1.3 | 96151515 |

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OCT 11 1996
FUGRO WEST, INC.

Dan Farah
Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 10, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 961515 Job No: B01295
Date Received: 06-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| B.1.3 | 96151516 |
| A.1.3 | 96151517 |
| X.1.3 | 96151518 |
| A V.A | 96151519 |
| A V.D | 96151520 |
| A V.C | 96151521 |
| A V.F | 96151522 |
| M.SP | 96151523 |
| N.SP | 96151524 |
| S.SP | 96151525 |
| S.P.3 | 96151526 |
| S.N.3 | 96151527 |
| E.SP | 96151528 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151509-ADD** | | **Date Extracted: 10/ 8/96** | | |
| **Client ID: HA.5.35** | | **Date Analyzed: 10/ 9/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 3.0 | 30 | 57 |
| TPH - (C23+) | 210 | | | |
| **CAS Lab #: 96151514-ADD** | | **Date Extracted: 10/ 8/96** | | |
| **Client ID: HA.2.3** | | **Date Analyzed: 10/ 9/96** | | |
| TPH - (C4 - C12) | 0.58 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 3200 | 50.0 | 500 | 51* |
| TPH - (C23+) | 5500 | | | |
| **CAS Lab #: 961515-MB-ADD** | | **Date Extracted: 10/ 8/96** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 10/ 9/96** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |

Note: Samples analyzed past holding time, results are estimates.

* Low recovery due to high concentration of TPH in the sample.
Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 4, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961615 Job No: B01295
Date Received: 20-SEP-96 Sampled By: Client
Project: DIAL Sample ID: See Below

## RESULTS

On September 20, 1996, thirty (30) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 34 pages excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| Q-E | 96161501 |
| ZZ | 96161502 |
| I1-A | 96161503 |
| I1-B | 96161504 |
| K | 96161505 |
| V-NM | 96161506 |
| BT-A | 96161507 |
| A IIIV MN | 96161508 |
| CT-I | 96161509 |
| B5-L | 96161510 |
| HA-7 | 96161511 |
| BT-B | 96161512 |
| AI-B | 96161513 |
| A IIIV N | 96161514 |
| A IIIV S | 96161515 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) October 4, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961615 Job No: B01295
Date Received: 20-SEP-96 Sampled By: Client
Project: DIAL Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| V-SM | 96161516 |
| Q-W | 96161517 |
| B1-H | 96161518 |
| A1-A | 96161519 |
| B5-M | 96161520 |
| K-1 | 96161521 |
| V-N | 96161522 |
| HA-1 | 96161523 |
| V-S | 96161524 |
| A IIIV MS | 96161525 |
| I1-D | 96161526 |
| I1-C | 96161527 |
| HA-8 | 96161528 |
| J-N | 96161529 |
| J-S | 96161530 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96161507** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: BT-A** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161508** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: A VIII-MN** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 460 | 20.0 | 200 | 49* |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161511** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: HA-7** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 3000 | 20.0 | 200 | 90 |
| TPH - (C23+) | BQL | | | |

* Low recovery due to matrix interference.
Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96161512** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: BT-B** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 76 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161514** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: A VIII-N** | | **Date Analyzed:** | | **10/ 3/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 400 | 10.0 | 100 | 36* |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161515** | | **Date Extracted:** | | |
| **Client ID: A VIII S** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 930 | 20.0 | 200 | 33* |
| TPH - (C23+) | BQL | | | |

* Low recovery due to matrix interference.
Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96161523** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: HA-1** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 74 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161525** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: A VIII-MS** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 480 | 20.0 | 200 | 47 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96161528** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: HA-8** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 17 | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 961615-MB** | | **Date Extracted:** | | **9/23/96** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **9/23/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: J.C.
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96161508** | | **Date Analyzed: 9/23/96** | | |
| **Sample ID: A VIII-MN** | | | | |
| Benzene | BQL | 100 | 500 | -- |
| Toluene | BQL | 100 | 500 | -- |
| Ethylbenzene | BQL | 100 | 500 | -- |
| Xylenes | BQL | 100 | 1000 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 98 |
| **CAS Lab #: 96161514** | | **Date Analyzed: 10/ 2/96** | | |
| **Sample ID: A VIII-N** | | | | |
| Benzene | BQL | 100 | 500 | -- |
| Toluene | BQL | 100 | 500 | -- |
| Ethylbenzene | BQL | 100 | 500 | -- |
| Xylenes | BQL | 100 | 1000 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 93 |
| **CAS Lab #: 96161515** | | **Date Analyzed: 9/23/96** | | |
| **Sample ID: A VIII S** | | | | |
| Benzene | BQL | 100 | 500 | -- |
| Toluene | BQL | 100 | 500 | -- |
| Ethylbenzene | BQL | 100 | 500 | -- |
| Xylenes | BQL | 100 | 1000 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 99 |

Surrogate Control Limits: 69 - 132
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: J.C.
Lab ID: 961615 Date Received: 9/20/96
Matrix: Soil

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96161523** | | **Date Analyzed:** | **9/23/96** | |
| **Sample ID: HA-1** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 98 |
| **CAS Lab #: 96161525** | | **Date Analyzed:** | **9/23/96** | |
| **Sample ID: A VIII-MS** | | | | |
| Benzene | BQL | 100 | 500 | -- |
| Toluene | BQL | 100 | 500 | -- |
| Ethylbenzene | BQL | 100 | 500 | -- |
| Xylenes | BQL | 100 | 1000 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 100 |
| **CAS Lab #: 961615-MB** | | **Date Analyzed:** | **9/23/96** | |
| **Sample ID: Method Blank** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 102 |

Surrogate Control Limits: 69 - 132
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro(9648-3411) Analyst: J.C.
Lab ID: 961615 Date Received: 9/20/96
Matrix: MB for Solid

**AROMATIC VOLATILE COMPOUNDS - EPA Method 8020**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 961615-MB2** | | **Date Analyzed: 10/ 2/96** | | |
| **Sample ID: Method Blank #2** | | | | |
| Benzene | BQL | 1 | 5 | -- |
| Toluene | BQL | 1 | 5 | -- |
| Ethylbenzene | BQL | 1 | 5 | -- |
| Xylenes | BQL | 1 | 10 | -- |
| 4-Bromofluorobenzene (Surrogate) | | | | 96 |

Surrogate Control Limits: 69 - 132
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: A VIII-MN
CAS LAB NO: 96161508
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: J.C.
Sample Matrix: Soil

**HALOGENATED VOLATILE ORGANIC COMPOUNDS - EPA Method 8010**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

**Surrogate Recovery**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 63 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: A VIII-N
CAS LAB NO: 96161514
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 10/02/96
Analyst: J.C.
Sample Matrix: Soil

## HALOGENATED VOLATILE ORGANIC COMPOUNDS - EPA Method 8010

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

### Surrogate Recovery

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 42 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: A VIII S
CAS LAB NO: 96161515
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: J.C.
Sample Matrix: Soil

**HALOGENATED VOLATILE ORGANIC COMPOUNDS - EPA Method 8010**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

**Surrogate Recovery**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 47 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: A VIII-MS
CAS LAB NO: 96161525
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: J.C.
Sample Matrix: Soil

**HALOGENATED VOLATILE ORGANIC COMPOUNDS - EPA Method 8010**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

**Surrogate Recovery**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 48 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961615-MB

Date Analyzed: 9/23/96
Analyst: J.C.
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS - EPA Method 8010**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

**Surrogate Recovery**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 80 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro(9648-3411)
Sample ID: Method Blank #2
CAS LAB NO: 961615-MB2

Date Analyzed: 10/02/96
Analyst: J.C.
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS - EPA Method 8010**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichlorofluoromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

**Surrogate Recovery**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 70 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: QE
CAS LAB NO: 96161501
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/24/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **59** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: QE
CAS LAB NO: 96161501
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/24/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| **Methylene Chloride** | **26** | **1** | **10** |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 111 | 80-120% |
| Toluene-d8 | 95 | 81-117% |
| 4-Bromofluorobenzene | 116 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: V-NM
CAS LAB NO: 96161506
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

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CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: V-NM
CAS LAB NO: 96161506
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 120 | 80-120% |
| Toluene-d8 | 93 | 81-117% |
| 4-Bromofluorobenzene | 90 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: V-SM
CAS LAB NO: 96161516
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abac
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: V-SM
CAS LAB NO: 96161516
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| **Methylene Chloride** | **12** | **1** | **10** |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 99 | 80-120% |
| Toluene-d8 | 92 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Q-W
CAS LAB NO: 96161517
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **110** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abac
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Q-W
CAS LAB NO: 96161517
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 113 | 80-120% |
| Toluene-d8 | 98 | 81-117% |
| 4-Bromofluorobenzene | 91 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: V-N
CAS LAB NO: 96161522
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **33** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

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Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: V-N
CAS LAB NO: 96161522
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 106 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: V-S
CAS LAB NO: 96161524
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abac
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: V-S
CAS LAB NO: 96161524
Date Received: 9/20/96
Date Sampled: 9/20/96

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 87 | 80-120% |
| Toluene-d8 | 99 | 81-117% |
| 4-Bromofluorobenzene | 99 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961615-MB
Date Extracted: N/A

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abach
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961615-MB
Date Extracted: N/A

Date Analyzed: 9/23/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 106 | 81-117% |
| 4-Bromofluorobenzene | 106 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961615-MB
Date Extracted: N/A

Date Analyzed: 9/24/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961615-MB
Date Extracted: N/A

Date Analyzed: 9/24/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 88 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961615
Date Received: 9/20/96

Sample Matrix: Soil
Date Sampled: 9/20/96
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96161506 | V-NM | BQL | 1 | 10 |
| 96161516 | V-SM | BQL | 1 | 10 |
| 96161522 | V-N | BQL | 1 | 10 |
| 96161524 | V-S | BQL | 1 | 10 |
| 961615-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961615
Analyst: DK

Sample Matrix: Soil
Date Received: 9/20/96
Date Sampled: 9/20/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96161503 | I1-A | 8.0 | 9/21/96 |
| 96161504 | I1-B | 9.4 | 9/21/96 |
| 96161505 | K | 9.5 | 9/21/96 |
| 96161507 | BT-A | 9.6 | 9/21/96 |
| 96161508 | A VIII-MN | 8.7 | 9/21/96 |
| 96161510 | B5-L | 10.1 | 9/21/96 |
| 96161512 | BT-B | 10.0 | 9/21/96 |
| 96161514 | A VIII-N | 9.3 | 9/21/96 |
| 96161515 | A VIII S | 9.7 | 9/21/96 |
| 96161520 | B5-M | 8.9 | 9/21/96 |
| 96161521 | K-1 | 8.9 | 9/21/96 |
| 96161525 | A VIII-MS | 9.2 | 9/21/96 |
| 96161526 | I1-D | 7.5 | 9/21/96 |
| 96161527 | I1-C | 9.2 | 9/21/96 |
| 96161529 | J-N | 9.4 | 9/21/96 |
| 96161530 | J-S | 10.2 | 9/21/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961615
Date Received: 9/20/96
Date Analyzed: 9/23/96

Sample Matrix: Soil
Date Sampled: 9/20/96
Analyst: C.Y.

## MBAS SURFACTANTS
## EPA Method 425.1m

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96161502 | ZZ | 81 | 1.00 | 1 |
| 96161505 | K | 27 | 1.00 | 1 |
| 96161508 | A VIII-MN | 160 | 1.00 | 1 |
| 96161510 | B5-L | 76 | 1.00 | 1 |
| 96161514 | A VIII-N | 290 | 2.50 | 2 |
| 96161515 | A VIII S | 270 | 2.50 | 2 |
| 96161520 | B5-M | 13 | 1.00 | 1 |
| 96161525 | A VIII-MS | 170 | 1.00 | 1 |
| 961615-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961615
Date Received: 9/20/96
Date Analyzed: 9/25/96

Sample Matrix: Soil
Date Sampled: 9/20/96
Analyst: DK

## SOLUABLE CHLORIDE ANALYSIS

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96161503 | I1-A | 330 | 10 | 100 |
| 96161504 | I1-B | 170 | 5 | 50 |
| 96161506 | V-NM | 580 | 5 | 50 |
| 96161507 | BT-A | 50 | 1 | 10 |
| 96161508 | A VIII-MN | 230 | 1 | 10 |
| 96161509 | CT-I | 46 | 1 | 10 |
| 96161512 | BT-B | 46 | 1 | 10 |
| 96161513 | AI-B | 28 | 1 | 10 |
| 96161514 | A VIII-N | 150 | 1 | 10 |
| 96161515 | A VIII S | 300 | 1 | 10 |
| 96161516 | V-SM | 3000 | 20 | 200 |
| 96161518 | B1-H | 330 | 10 | 100 |
| 96161519 | A1-A | 2600 | 20 | 200 |
| 96161521 | K-1 | 45 | 1 | 10 |
| 96161522 | V-N | 55 | 1 | 10 |
| 96161524 | V-S | 44 | 1 | 10 |
| 96161525 | A VIII-MS | 130 | 1 | 10 |
| 96161526 | I1-D | 350 | 10 | 100 |
| 96161527 | I1-C | 320 | 10 | 100 |
| 961615-MB | Method Blank | BQL | 1 | 10 |

Note: Sample was analyzed on a 1:10 Soil/DI water extraction, results were reported based on original soil weight.

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961615
Date Received: 9/20/96
Date Analyzed: 9/23/96

Sample Matrix: Soil
Date Sampled: 9/20/96
Analyst: DK

**PHOSPHATE ANALYSIS**
**EPA Method 365.2m**

| CAS Lab # | Sample ID | RESULTS PO4 as P(mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96161507 | BT-A | 1.4 | 2 | 1 |
| 96161508 | A VIII-MN | 2.8 | 2 | 1 |
| 96161512 | BT-B | 1.6 | 2 | 1 |
| 96161514 | A VIII-N | 2.2 | 2 | 1 |
| 96161515 | A VIII S | 6.9 | 2 | 1 |
| 96161525 | A VIII-MS | 1.8 | 2 | 1 |
| 961615-MB | Method Blank | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

9648-3411

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: October 2, 1996
Recv'd: September 24, 1996
Lab. No.: 92927
P.O. No.: 1557

Samples: Four (4) soil samples labelled as shown in the table below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

## RESULTS

Date Received: 9/24/96
Date Extracted: 9/27/96
Date Analyzed: 9/30/96

**Milligrams per Kilograms**

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Method Blank | 1.5 | 2 |
| 961615-06 | ND | 2 |
| 961615-16 | ND | 2 |
| 961615-22 | ND | 2 |
| 961615-24 | ND | 2 |
| **Laboratory Control Spike** | | |
| Spike amount | 47.48 | 2 |
| Amount found | 43.89 | 2 |
| Method blank | 1.53 | 2 |
| MB corrected recovery | 42.36 | 2 |
| Percent recovery | 89.22% | |

ND-Not detected.


RECEIVED OCT 21 1996 Fund - MCSI, INC.


Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods


This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

Form: V1a.(7/93)

# CHAIN OF CUSTODY RECORD

96 1615 new

TUBRO

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: ARCC | LABORATORY LOCATION: Vtg | DATE: 9-3-96 | PROJECT NO.: 96-341 |
| CLIENT: DMA | PROJECT: Corporate Facility | | |
| PROJECT MANAGER: M. Fitch | SAMPLER (Signature): | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | QE | Chapel Q Fat Tad | 9/3/96 | | 3 | 1 | S | A | ~~[illegible]~~ | D |
| 2 | | ZZ | Bldg 5 Sump ZZ | | | | | | | I | |
| 3 | I1 [redacted]-A | | Bldg 5 Area One ~~[illegible]~~ A Tank | | | | | | | ~~[illegible]~~ | H, E |
| 4 | I1 [redacted]-B | | Bldg 5 Area One Tank B | | | | | | | ~~[illegible]~~ | H, E |
| 5 | B5-K | | Bldg 5 Sump K | | | | | | | E, I | |
| 6 | | V-NM | Tank K North Middle | | | | | | | ~~[illegible]~~ ~~[illegible]~~ | H, D, C, K |
| 7 | | CT-A | Brine Tank Tank A | | | | | | | ~~[illegible]~~ | E, G, H B |
| 8 | AVIII-NM | | Area Tank Middle North | | | | | | | ~~[illegible]~~ ~~[illegible]~~ | H, E, B, I, J, K |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | PCB-1080 |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | TPH-FC-1013 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | Fairbanks-NCA-1 48F |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | VOCs - 8260 |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | pH 9045 |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial Ice | F | ~~[illegible]~~ |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | phos 300 |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | chlor - 300 |
| 9 | Plastic bottle, 1 liter | D | None | I | MCAS 425.1 |
| 10 | Other | E | Other | J | VOC 8010-8020 |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: 9/10/96 | TIME: 18:17 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Deliver

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

K = AMMONIA U.S. EPA 350.3

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

83,0F17Cleanroom,713

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: [illegible] | LABORATORY LOCATION: [illegible] | DATE: 9-26-96 | FM JOB No.: [illegible] |
| CLIENT: [illegible] | PROJECT: Continuing Sampling | | |
| PROJECT MANAGER: M. [illegible] | SAMPLER (Signature): [illegible] | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | | CT-I | Chlorine Tank Sample I | 9-26-96 | | | 3 | S | A | H | |
| 10 | | BS-L | Building 5 Sample L | | | | | | | E I | |
| 11 | | HA-7 | Hand Dryer 7 5 Ft | | | | | | | B | |
| 12 | | BT-C | Brine Tank Sample C | | | | | | | ~~[illegible]~~ | E, G, H, B |
| 13 | | AI-E | Area One Sample E | | | | | | | H | |
| 14 | AVIII-N | ~~[illegible]~~ | Area Eight North End | | | | | | | H E B I J G | |
| 15 | AVIII-S | ~~[illegible]~~ | Area Eight South End | | | | | | | H E B I J G | |
| 16 | | V-SM | Trench V South & Middle | | | | | | | ~~[illegible]~~ | C, D, H, K |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | PCL-2080 |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | TPH-FG-2015 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | [illegible] NCASI-417 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | VCLS [illegible] |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | pH - 7045 |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | [illegible] |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_3$ | G | phos - 300 |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | chlor - 300 |
| 9 | Plastic bottle, 1 liter | D | None | I | MBAS 425.1 |
| 10 | Other | E | Other | J | VOC - 2010-2020 |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [illegible] | RECEIVED BY: (Signature) [illegible] | DATE: 9-26-96 | TIME: [illegible] |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: [illegible]

TURNAROUND TIME: Courier

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

7 AMMONIA EPA350.3

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0617C\[illegible] 713

Form: VGL(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CLC | LABORATORY LOCATION | DATE: 9-10-96 | FUGRO No.: 7642.411 |
| CLIENT: CLC | PROJECT: Centralia Landfill | | |
| PROJECT MANAGER: FLAd | SAMPLER (Signature): | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | | Q-W | Cleaning Q West End | 9-10-96 | | 3 | 1 | S | A | ~~AMMO~~ ~~BTEX~~ | D |
| 18 | | B1-H | Building 1 ~~Sample~~ H-Surf | | | | | | | H | |
| 19 | A1-A | ~~A1-A~~ | Area 1 Sample A | | | | | | | H | |
| 20 | | B5-H | Building 5 ~~Sample~~ H-Surf | | | | | | | E I | |
| 21 | | K-I | Stream K Drain K | | | | | | | E H | |
| 22 | | V-N | Trench V North End | | | | | | | ~~E H~~ ~~BTEX~~ | H, D, C, K |
| 23 | | HA-1 | Hand Auger 1 SET | | | | | | | ~~E H~~ | D, L |
| 24 | | V-S | Trench V South End | | | | | | | ~~E H~~ ~~BTEX~~ | H, D, C, K |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2⅝-inch diameter by 1, 3, 4, or 6 inches long | A Air | A PCB-8080 |
| 2 Brass or stainless steel sleeve, 1⅞-inch diameter by 4 inches long | S Solid | B TPH-FC-2015 |
| 3 Stainless steel sleeve, 1 inch diameter by 6 inches long | W Water | C Formaldehyde NCASI-98.01 |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O Other | D VOCs 8260 |
| 5 Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | E pH - 7045 |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F ~~[illegible]~~ |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G phos - 300 |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H chlor - 300 |
| 9 Plastic bottle, 1 liter | D None | I NH3-N - 350.1 |
| 10 Other | E Other | J VOC 8240-8020 |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: 9-10-96 | TIME: 13:00 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME:

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

H AMMONIA U.S.EPA 350.3

L ~~BTEX U.S.EPA 8020~~

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

Form: Vta (7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

4+4

| | | | |
|---|---|---|---|
| LABORATORY: Orco | LABORATORY LOCATION: VTA | DATE: 7-20-96 | PROJECT NO.: 96E-341 |
| CLIENT: KPIA | PROJECT: Contractor Facility | | |
| PROJECT MANAGER: N. ELAL | SAMPLER (Signature): | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | AVIII-1 | | Area Fill Hole South | | | | | | | H E B I J G | |
| 26 | I1-D | | Old Area Cut Tank D-W | | | | | | | ~~H~~ | H, E |
| 27 | I1-G | | Old Area Cut Tank G-Sw | | | | | | | ~~H~~ | H, E |
| 28 | | HA7 | Hand Auger South 5 feet | | | | | | | B | |
| 29 | | I-N | Sola Art Tank I-North | | | | | | | E | |
| 30 | | I-S | Sola Art Tank I-South | | | | | | | E | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A Air | A PCB-8082 |
| 2 Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S Solid | B TPH-Fuel-8015 |
| 3 Stainless steel sleeve, 1 inch diameter by 6 inches long | W Water | C Formaldehyde NIOSH-0017 |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | D Other | D VOCs-8260 |
| 5 Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | E SVOC-8270 |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F [illegible] |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G [illegible] |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H [illegible] |
| 9 Plastic bottle, 1 liter | D None | I [illegible] |
| 10 Other | E Other | J VOCs-8010-8020 |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: 9-26-96 | TIME: 15:7 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME:

SAMPLE DISPOSAL: ☐ Return to PM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - PM Copy Yellow - Laboratory Copy Pink - Return to PM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

96-48-3411

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) September 26, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 961515 Job No: B01295
Date Received: 06-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On September 06, 1996, twenty eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 11 pages excluding the cover letter, the Chain of Custody, and the subcontractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| A VI.A | 96151501 |
| A VI.B | 96151502 |
| A VII.A | 96151503 |
| A VII.B | 96151504 |
| A VII.C | 96151505 |
| A VII.D | 96151506 |
| A VII.E | 96151507 |
| HA.6.3.5 | 96151508 |
| HA.5.3.5 | 96151509 |
| F.1.3 | 96151510 |
| G.1.3 | 96151511 |
| H.1.3 | 96151512 |
| G.H.3 | 96151513 |
| HA.2.3 | 96151514 |
| C.1.3 | 96151515 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) September 26, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 961515 Job No: B01295
Date Received: 06-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| B.1.3 | 96151516 |
| A.1.3 | 96151517 |
| X.1.3 | 96151518 |
| A V.A | 96151519 |
| A V.D | 96151520 |
| A V.C | 96151521 |
| A V.F | 96151522 |
| M.SP | 96151523 |
| N.SP | 96151524 |
| S.SP | 96151525 |
| S.P.3 | 96151526 |
| S.N.3 | 96151527 |
| E.SP | 96151528 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151513** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: G.H.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 66 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96151515** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: C.1.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | 0.78 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 48 | 1.0 | 10 | 92 |
| TPH - (C23+) | 76 | | | |
| **CAS Lab #: 96151516** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: B.1.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 94 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151517** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: A.1.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | 26 | | | |
| **CAS Lab #: 96151519** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: AV.A** | | **Date Analyzed:** | | **9/12/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 630 | 5.0 | 50 | 67 |
| TPH - (C23+) | 56 | | | |
| **CAS Lab #: 96151520** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: AV.D** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 10.0 | 5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 77 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151521** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: AV.C** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 88 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96151522** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: AV.F** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96151523** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: M.SP** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 18 | 1.0 | 10 | 86 |
| TPH - (C23+) | 23 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151524** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: N.SP** | | **Date Analyzed:** | | **9/12/96** |
| TPH - (C4 - C12) | 0.86 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 200 | 2.0 | 20 | 86 |
| TPH - (C23+) | 91 | | | |
| **CAS Lab #: 96151525** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: S.SP** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 72 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96151526** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: S.P.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | 0.65 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 11 | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961515 Date Received: 9/ 6/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96151527** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: S.N.3** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 82 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96151528** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: E.SP** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 97 | 1.0 | 10 | 91 |
| TPH - (C23+) | 22 | | | |
| **CAS Lab #: 961515-MB** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **9/10/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 90 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961515
Analyst: NH

Sample Matrix: Soil
Date Received: 9/ 6/96
Date Sampled: 9/ 6/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96151501 | A VI.A | 7.9 | 9/ 9/96 |
| 96151502 | A VI.B | 9.3 | 9/ 9/96 |
| 96151510 | F.1.3 | 8.3 | 9/ 9/96 |
| 96151511 | G.1.3 | 8.9 | 9/ 9/96 |
| 96151512 | H.1.3 | 8.7 | 9/ 9/96 |
| 96151515 | C.1.3 | 10.1 | 9/27/96 |
| 96151516 | B.1.3 | 9.3 | 9/27/96 |
| 96151517 | A.1.3 | 8.6 | 9/ 9/96 |
| 96151519 | AV.A | 7.6 | 9/ 9/96 |
| 96151520 | AV.D | 9.6 | 9/ 9/96 |
| 96151521 | AV.C | 7.9 | 9/ 9/96 |
| 96151522 | AV.F | 9.3 | 9/ 9/96 |
| 96151523 | M.SP | 8.9 | 9/ 9/96 |
| 96151524 | N.SP | 8.4 | 9/ 9/96 |
| 96151525 | S.SP | 9.6 | 9/ 9/96 |
| 96151526 | S.P.3 | 8.9 | 9/ 9/96 |
| 96151527 | S.N.3 | 8.2 | 9/ 9/96 |
| 96151528 | E.SP | 8.5 | 9/ 9/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961515
Date Received: 9/ 6/96
Date Analyzed: 9/10/96

Sample Matrix: Soil
Date Sampled: 9/ 6/96
Analyst: DK

## SOLUABLE CHLORIDE ANALYSIS

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96151501 | A VI.A | 66 | 1 | 10 |
| 96151502 | A VI.B | 280 | 10 | 100 |
| 96151515 | C.1.3 | 490 | 5 | 50 |
| 96151516 | B.1.3 | 130 | 2 | 20 |
| 96151517 | A.1.3 | 140 | 2 | 20 |
| 96151519 | AV.A | 33 | 1 | 10 |
| 96151520 | AV.D | 260 | 2 | 20 |
| 96151521 | AV.C | 2000 | 10 | 100 |
| 96151522 | AV.F | 310 | 2 | 20 |
| 96151523 | M.SP | 600 | 10 | 100 |
| 96151524 | N.SP | 320 | 5 | 50 |
| 96151525 | S.SP | 250 | 5 | 50 |
| 96151526 | S.P.3 | 180 | 2 | 20 |
| 96151527 | S.N.3 | 22 | 1 | 10 |
| 96151528 | E.SP | 39 | 1 | 10 |
| 961515-MB | Method Blank | BQL | 1 | 10 |

Analysis performed on 10:1 soil/ DI water extraction results reported based on original soil weight
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961515
Date Received: 9/ 6/96
Date Analyzed: 9/ 9/96

Sample Matrix: Soil
Date Sampled: 9/ 6/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1m**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96151503 | A VII.A | 37 | 1.00 | 1 |
| 96151504 | A VII.B | 40 | 1.00 | 1 |
| 96151505 | A VII.C | 250 | 1.00 | 1 |
| 96151506 | A VII.D | 85 | 1.00 | 1 |
| 96151507 | A VII.E | 9.2 | 1.00 | 1 |
| 96151510 | F.1.3 | 5.6 | 1.00 | 1 |
| 96151511 | G.1.3 | 2.0 | 1.00 | 1 |
| 96151512 | H.1.3 | 410 | 5.00 | 5 |
| 96151515 | C.1.3 | 5.0 | 1.00 | 1 |
| 96151516 | B.1.3 | 2.8 | 1.00 | 1 |
| 96151517 | A.1.3 | 2.8 | 1.00 | 1 |
| 96151519 | AV.A | 1600 | 1.00 | 1 |
| 96151520 | AV.D | 6.5 | 1.00 | 1 |
| 96151521 | AV.C | 9.9 | 1.00 | 1 |
| 96151522 | AV.F | 23 | 1.00 | 1 |
| 96151523 | M.SP | 8.7 | 1.00 | 1 |
| 96151524 | N.SP | 25 | 1.00 | 1 |
| 96151525 | S.SP | 3.7 | 1.00 | 1 |
| 96151528 | E.SP | 71 | 1.00 | 1 |
| 961515-MB | Method Blank | BQL | 1.00 | 1 |
| 961515-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961515
Date Received: 9/ 6/96
Date Analyzed: 9/11/96

Sample Matrix: Soil
Date Sampled: 9/ 6/96
Analyst: DK

**PHOSPHATE ANALYSIS**
**EPA Method 365.2m**

| CAS Lab # | Sample ID | RESULTS PO4 as P(mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96151510 | F.1.3 | BQL | 1 | 0.5 |
| 96151511 | G.1.3 | BQL | 1 | 0.5 |
| 96151512 | H.1.3 | BQL | 1 | 0.5 |
| 961515-MB | Method Blank | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961515
Date Received: 9/ 6/96
Site: Dial/Site Assessment

Sample Matrix: Soil
Analyst: DK
WIC: N/A

## TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

| CAS Lab # | Sample ID | RESULTS TRPH (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96151508 | HA.6.3.5 | 31 | 1.00 | 10 |
| 96151509 | HA.5.3.5 | 690 | 5.00 | 50 |
| 96151514 | HA.2.3 | 9300 | 50.00 | 500 |
| 961515-MB | Method Blank | BQL | 1.00 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 418.1m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961515
Date Received: 9/ 6/96

Sample Matrix: Soil
Date Sampled: 9/ 6/96
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96151518 | X.1.3 | BQL | 1 | 10 |
| 96151519 | AV.A | 470 | 1 | 10 |
| 96151524 | N.SP | 87 | 1 | 10 |
| 96151525 | S.SP | 92 | 1 | 10 |
| 96151526 | S.P.3 | 73 | 1 | 10 |
| 96151527 | S.N.3 | BQL | 1 | 10 |
| 96151528 | E.SP | BQL | 1 | 10 |
| 961515-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diana Kleonsky
Principal Analyst

CAPCO Analytical Services, Inc.

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: September 26, 1996
Recv'd: September 11, 1996
Lab. No.: 92778
P.O. No.: 1495

Samples: Eight (8) soil samples labelled as shown in the table below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 9/11/96
Date Extracted: 9/12/96
Date Analyzed: 9/18/96

Milligrams per Kilograms

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Reagent Blank | 0.9 | |
| Method Blank | 1.3 | 2 |
| 961515-19 | 4.4 | 2 |
| 961515-20 | ND | 2 |
| 961515-21 | ND | 2 |
| 961515-22 | 2.9 | 2 |
| 961515-23 | 10.2 | 2 |
| 961515-24 | 6.4 | 2 |
| 961515-25 | 11.0 | 2 |
| 961515-28 | 3.6 | 2 |

ND-Not detected.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods


This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

# REPORT


## TRUESDAIL LABOR 'ORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: September 26, 1996
Recv'd: September 12, 1996
Lab. No.: 92792
P.O. No.: 1495

Samples: Two (2) soil samples labelled 961502-14-ADD and 961502-15-ADD.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 9/12/96
Date Extracted: 9/12/96
Date Analyzed: 9/18/96

**Milligrams per Kilograms**

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Reagent Blank | 0.9 | |
| Method Blank | 1.3 | 2 |
| 961502-14-ADD | 10.1 | 2 |
| 961502-15-ADD | 50.1 | 2 |

ND-Not detected.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods


This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

Form. Vta.(7/93)

# CHAIN OF CUSTODY RECORD

1515.

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY CAP·CO | LABORATORY LOCATION VENTURA | DATE 9·6·96 | FM JOB No. 96483411 |
| CLIENT DIAL | PROJECT SITE ASSESSMENT | | |
| PROJECT MANAGER MICHAEL FLACK | SAMPLER (Signature) RYAN ZUKOR | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | AVI·A | AREA VI A | 9/6/96 | 750 | 3 | 1 | S | ICE | A B |
| 2 | AVI·B | AVI B | | 755 | | | | | A B |
| 3 | AVII·A | AREA VII A | | 809 | | | | | C |
| 4 | AVII·B | AVII·B | | 813 | | | | | C |
| 5 | AVII·C | AVII C | | 829 | | | | | C |
| 6 | AVII·D | AVII D | | 832 | | | | | C |
| 7 | AVII·E | AVII E | | 837 | | | | | C |
| 8 | HA·6·3.5 | HAND AUGER 6 @ 3.5' | | 930 | | | | | D |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A USEPA 300.0 CHLORIDE |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B USEPA ~~150.1~~ PH 9045 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C USEPA 425.1 MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D USEPA 418.1 TRPH |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) RYAN ZUKOR | RECEIVED FOR LABORATORY BY: (Signature) Dan Fench | DATE: 9·6·96 | TIME: 1715 |

METHOD OF SHIPMENT: DELIVER

TURNAROUND TIME: ~~1 WEEK~~ 5 DAYS

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17C\custody 713

Form Vta.(7/93)

# CHAIN OF CUSTODY RECORD

1515

2 OF 4

| | | | |
|---|---|---|---|
| LABORATORY CAPCO | LABORATORY LOCATION VENTURA | DATE 9-6-96 | FM JOB No. 9648 3411 |
| CLIENT DIAL | PROJECT SITE ASSESSMENT | | |
| PROJECT MANAGER MICHAEL FLACK | SAMPLER (Signature) RYAN ZUKOR | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | HA-5-3.5 | HAND AUGER 5 @ 3.5 | 9/6/96 | 940 | 3 | 1 | S | ICE | A |
| 10 | F-1-3 | F-1 @ 3.0' | | 1019 | | | | | B C D |
| 11 | G-1-3 | G-1 @ 3.0' | | 1019 | | | | | B C D |
| 12 | H-1-3 | H-1 @ 3.0' | | 1019 | | | | | B C D |
| 13 | G-H-3 | G-H-3.0' | | 1021 | | | | | F |
| 14 | HA-2-3 | HAND AUGER 2 @ 3.0' | | 1100 | | | | | E |
| 15 | C-1-3 | C-1 @ 3.0' | | 1140 | | | | | F B C H |
| 16 | B-1-3 | B-1 @ 3.0' | | 1151 | | | | | F B C H |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A USEPA 418.1 TRPH |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B USEPA 425.1 MBAS |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C USEPA 9045 PH |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D USEPA 300 PHOSPHATES |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E USEPA 418.1 TRPH |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice RMZ | ~~F~~ USEPA 8015 FUEL |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | ~~G~~ FINGERPRINT |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | ~~H~~ H- USEPA 300 CHLORIDES |
| 9 | Plastic bottle, 1 liter | D | None | ~~I~~ |
| 10 | Other | E | Other | ~~J~~ |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) Ryan Zukor | RECEIVED FOR LABORATORY BY: (Signature) Dan Fach | DATE: 9-6-96 | TIME: 1518 |

METHOD OF SHIPMENT: DELIVER

TURNAROUND TIME: 5 DAYS

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 9.6.96 | FUGRO JOB NO: 9648 3441 |
| CLIENT: DIAL | PROJECT: SITE ASSESSMENT | | |
| PROJECT MANAGER: MICHAEL FLACK | SAMPLER (Signature): RYAN ZUKOR | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | A.1.3 | A.1 @ 3.0' | 9/6/96 | 1155 | 3 | 1 | S | ICE | A G C B E |
| 18 | X.1.3 | X.1 @ 3.0' | ↓ | 1314 | ↓ | ↓ | ↓ | ↓ | A |
| 19 | AV.A | AREA V.A | ↓ | 1327 | ↓ | ↓ | ↓ | ↓ | B C D E F A |
| 20 | AV.D | AREA V.D | ↓ | 1330 | ↓ | ↓ | ↓ | ↓ | B C D E F |
| 21 | AV.C | A.V.C | ↓ | 1331 | ↓ | ↓ | ↓ | ↓ | B C D E F |
| 22 | AV.F | A.V.F | ↓ | 1332 | ↓ | ↓ | ↓ | ↓ | B C D E F |
| 23 | M.SP | MIDDLE STOCK PILE | ↓ | 1333 | ↓ | ↓ | ↓ | ↓ | B C D E F |
| 24 | N.SP | NORTH STOCK PILE | ↓ | 1334 | ↓ | ↓ | ↓ | ↓ | A B C D E F |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A USEPA 350.3 AMMON |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B USEPA 300 CHLORIDE |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C USEPA [redacted] pH 9045 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D USEPA 8015 FC |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E USEPA 425.1 MBAS |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F USEPA NCASI 487 |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G ~~BMS~~ USEPA 8015. FC |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | |
| 10 | Other | E | Other | |

| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) RYAN ZUKOR | RECEIVED FOR LABORATORY BY: (Signature) | DATE: 9.6.96 | TIME: 1522 |

| METHOD OF SHIPMENT: | TURNAROUND TIME: | SAMPLE DISPOSAL: |
|---|---|---|
| DELIVER | 5 DAYS | ☐ Return to FM ☒ Proper disposal by Lab after 60 days |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

515

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 9.6.96 | FM JOB NO.: 9648 3911 |
| CLIENT: DIAL | PROJECT: SITE ASSESSMENT | | |
| PROJECT MANAGER: MICHAEL FLACK | SAMPLER (Signature): RYAN ZUKOR | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | S.SP | SOUTH STOCK PILE | 9/6/96 | 1335 | 3 | 1 | S | ICE | A B C D E F |
| 26 | S.P.3 | SUMP. P @ 3.0' | ↓ | 1336 | ↓ | ↓ | ↓ | ↓ | A B C D |
| 27 | S.N.3 | SUMP. N @ 3.0' | ↓ | 1337 | ↓ | ↓ | ↓ | ↓ | A B C D |
| RM2 28 | E.SP | EAST STOCK PILE | | 1338 | ↓ | ↓ | ↓ | ↓ | A B C D E F |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A USEPA 9045 - pH |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B USEPA 300 CHLORIDES |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C USEPA 350.3 AMMON |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D USEPA 8015 [redacted] FC |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | | PRESERVATION METHOD | E. USEPA NCASI 487 |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F. USEPA 425.1 MBAS |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | |
| 9 | Plastic bottle, 1 liter | D | None | |
| 10 | Other | E | Other | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: 9.6.96 | TIME: |
| RELINQUISHED BY: (Signature) RYAN ZUKOR | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: 1525 |

METHOD OF SHIPMENT: DELIVER

TURNAROUND TIME: 5 DAYS

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17Custody 713

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) September 26, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961502-ADD Job No: B01295
Date Received: 05-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On September 05, 1996, seventeen (17) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On September 10, 1996 additional analysis was run on Lab No. 961502 per customer request. This report consists of 2 pages excluding the cover letter, and the Chain of Custody.

RECEIVED
SEP 30 1996
FUGRO WEST, INC.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| A.4.A | 96150201 |
| A.4.B | 96150202 |
| A.4.C | 96150203 |
| A.4.D | 96150204 |
| A.4.E | 96150205 |
| A.4.F | 96150206 |
| J.1.MID | 96150207 |
| AII.A | 96150208 |
| AII.B | 96150209 |
| J.1.N | 96150210 |
| AIII.A | 96150211 |
| AIII.B | 96150212 |
| S.P.A | 96150213 |
| AV.E.1 | 96150214 |
| AV.B | 96150215 |
| HA.3 | 96150216 |
| HA.4 | 96150217 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961502-ADD
Date Received: 9/ 5/96
Date Analyzed: 9/10/96

Sample Matrix: Soil
Date Sampled: 9/ 5/96
Analyst: DK

**SOLUABLE CHLORIDE ANALYSIS**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96150207 | J.1.MID | 36 | 1 | 10 |
| 96150210 | J.1.N | 110 | 1 | 10 |
| 961502-MB | Method Blank | BQL | 1 | 10 |

Analysis performed on a 10:1 Soil/DI water extraction, results reported based on original soil weight.
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961502-ADD
Date Received: 9/ 5/96

Sample Matrix: Soil
Date Sampled: 9/ 5/96
Analyst: DK

**AMMONIA ANALYSIS SUMMARY**

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96150207 | J.1.MID | BQL | 1 | 10 |
| 96150210 | J.1.N | BQL | 1 | 10 |
| 96150214 | AV.E.1 | 120 | 1 | 10 |
| 961502-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411)
5855 Olivas Park Drive
Ventura, CA. 93003

September 23, 1996

**ATTENTION:** M. Flack

Laboratory No: 961502
Date Received: 05-SEP-96
Project: Dial

Job No: B01295
Sampled By: Client
Sample ID: See Below

**RESULTS**

On September 05, 1996, seventeen (17) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 10 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| A.4.A | 96150201 |
| A.4.B | 96150202 |
| A.4.C | 96150203 |
| A.4.D | 96150204 |
| A.4.E | 96150205 |
| A.4.F | 96150206 |
| J.1.MID | 96150207 |
| AII.A | 96150208 |
| AII.B | 96150209 |
| J.1.N | 96150210 |
| AIII.A | 96150211 |
| AIII.B | 96150212 |
| S.P.A | 96150213 |
| AV.E.1 | 96150214 |
| AV.B | 96150215 |
| HA.3 | 96150216 |
| HA.4 | 96150217 |

RECEIVED
SEP 25 1996
FUGRO WEST, INC.

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Pugro( 9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96150201** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.A** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150202** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.B** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 78 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150203** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.C** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 610 | 10.0 | 100 | 68 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96150204** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.D** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 96 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150205** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.E** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 67 | 1.0 | 10 | 95 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150206** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: A.4.F** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 95 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96150207** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: J.1.MID** | | **Date Analyzed:** | | **9/10/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 75 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150210** | | **Date Extracted:** | | **9/10/96** |
| **Client ID: J.1.N** | | **Date Analyzed:** | | **9/11/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150213** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: S.P.A** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | 1.8 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 3.0 | 30 | 82 |
| TPH - (C23+) | 32 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96150214** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: AV.E.1** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 10.0 | 5 | -- |
| TPH - (C13 - C22) | 410 | 10.0 | 100 | 82 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96150215** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: AV.B** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 100.0 | 50 | -- |
| TPH - (C13 - C22) | 120 | 1.0 | 10 | 74 |
| TPH - (C23+) | 27 | | | |
| **CAS Lab #: 96150216** | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: HA.3** | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 71 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|---|
| **CAS Lab #: 96150217** | | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: HA.4** | | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 81 |
| TPH - (C23+) | | BQL | | | |
| **CAS Lab #: 961502-MB** | | | **Date Extracted:** | | **9/ 6/96** |
| **Client ID: Method Blank** | | | **Date Analyzed:** | | **9/ 6/96** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 92 |
| TPH - (C23+) | | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro(9648-3411) Analyst: LA
Lab ID: 961502 Date Received: 9/ 5/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|---|
| **CAS Lab #: 961502-MB2** | | | **Date Extracted:** | | **9/10/96** |
| **Client ID: Method Blank #2** | | | **Date Analyzed:** | | **9/10/96** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 90 |
| TPH - (C23+) | | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961502
Date Received: 9/ 5/96
Date Analyzed: 9/ 6/96

Sample Matrix: Soil
Date Sampled: 9/ 5/96
Analyst: DK

**SOLUABLE CHLORIDE ANALYSIS**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96150201 | A.4.A | 77 | 1 | 10 |
| 96150202 | A.4.B | 110 | 1 | 10 |
| 96150203 | A.4.C | 78 | 1 | 10 |
| 96150204 | A.4.D | 2000 | 10 | 100 |
| 96150205 | A.4.E | 340 | 5 | 50 |
| 96150206 | A.4.F | 240 | 2 | 20 |
| 96150213 | S.P.A | 100 | 2 | 20 |
| 96150214 | AV.E.1 | 50 | 1 | 10 |
| 96150215 | AV.B | 120 | 1 | 10 |
| 961502-MB | Method Blank | BQL | 1 | 10 |

Sample was analyzed on 1:10 soil-water extract
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Khionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961502
Date Received: 9/ 5/96

Sample Matrix: Soil
Date Sampled: 9/ 5/96
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96150208 | AII-A | BQL | 1 | 10 |
| 96150209 | AII-B | BQL | 1 | 10 |
| 96150213 | S.P.A | 28 | 1 | 10 |
| 961502-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 961502
Analyst:

Sample Matrix: Soil
Date Received: 9/ 5/96
Date Sampled: 9/ 5/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96150201 | A.4.A | 7.2 | 9/ 6/96 |
| 96150202 | A.4.B | 8.6 | 9/ 6/96 |
| 96150203 | A.4.C | 7.2 | 9/ 6/96 |
| 96150204 | A.4.D | 7.7 | 9/ 6/96 |
| 96150205 | A.4.E | 7.3 | 9/ 6/96 |
| 96150206 | A.4.F | 7.4 | 9/ 6/96 |
| 96150207 | J.1.MID | 7.7 | 9/ 6/96 |
| 96150208 | AII-A | 8.5 | 9/ 6/96 |
| 96150209 | AII-B | 7.4 | 9/ 6/96 |
| 96150210 | J.1.N | 8.4 | 9/ 6/96 |
| 96150211 | AIII.A | 8.1 | 9/ 6/96 |
| 96150212 | AIII.B | 8.3 | 9/ 6/96 |
| 96150213 | S.P.A | 8.8 | 9/ 6/96 |
| 96150214 | AV.E.1 | 8.0 | 9/ 6/96 |
| 96150215 | AV.B | 8.6 | 9/ 6/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961502
Date Received: 9/ 5/96
Date Analyzed: 9/ 6/96

Sample Matrix: Soil
Date Sampled: 9/ 5/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1m**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96150214-ADD | AV.E1 | 1.3 | 1.00 | 1 |
| 96150215-ADD | AV.B | 410 | 1.00 | 1 |
| 961502-MB-ADD | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

# REPORT

9648-3411


## TRUESDAIL LABOR. ORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: September 26, 1996
Recv'd: September 12, 1996
Lab. No.: 92792
P.O. No.: 1495

Samples: Two (2) soil samples labelled 961502-14-ADD and 961502-15-ADD.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 9/12/96
Date Extracted: 9/12/96
Date Analyzed: 9/18/96

**Milligrams per Kilograms**

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Reagent Blank | 0.9 | |
| Method Blank | 1.3 | 2 |
| 961502-14-ADD | 10.1 | 2 |
| 961502-15-ADD | 50.1 | 2 |

ND-Not detected.

ADDENDUM

The 2,4 dinitrophenyl hydrazone of formaldehyde was confirmed by GCMS in the extract Sample of 961502-15-ADD on October 9, 1996. The data is enclosed for your review.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods


This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising of publicity matter without prior written authorization from these Laboratories.

GC/MS - Semivolatiles Analysis

Client: CAPCO ANALYTICAL

Lab # : 92792 - 2 (961502-15-HDD)

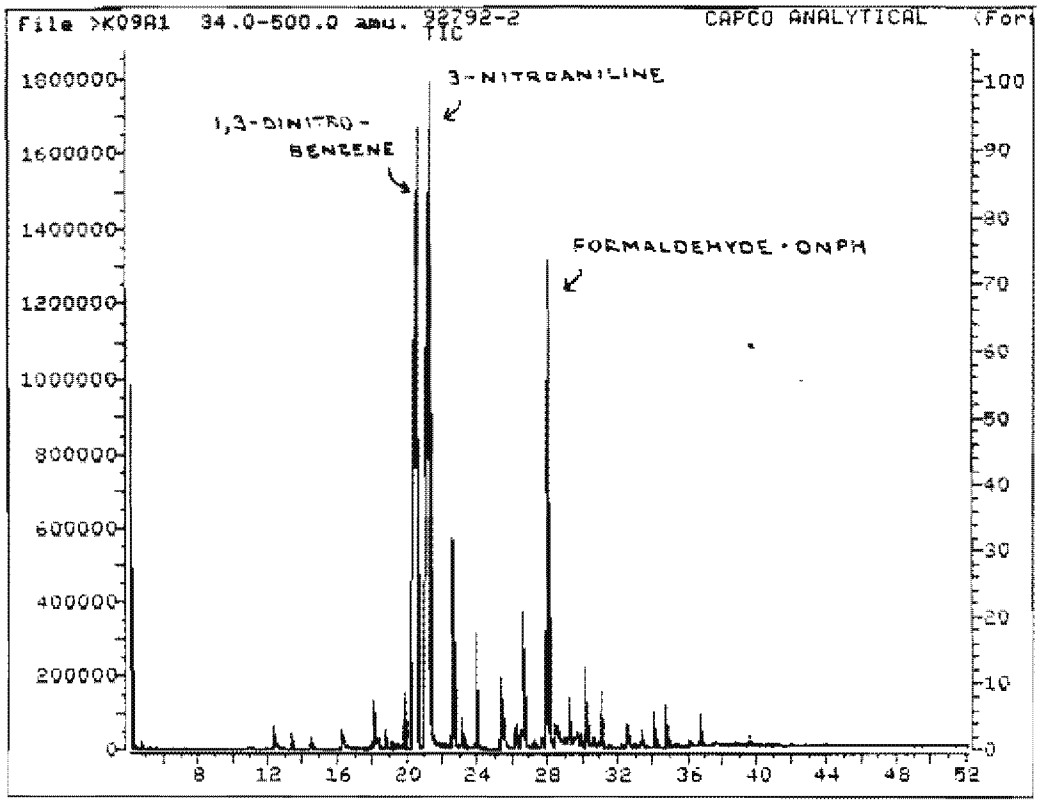
Date Received : 09/12/96 Date Analyzed : 10/09/96

Analysis : Confirmation of Formaldehyde in acetonitrile extract of sample, as the 2,4-dinitrophenyl hydrazone derivative.

Preparation : 5 ml of sample extract were concentrated to 2 ml.

Results : Formaldehyde-DNPH was confirmed by GC/MS at 27.98 min.

Truesdail Laboratories 14201 Franklin Ave. Tustin, California


File >K09A1 34.0-500.0 amu. 92792-2
TIC
CAPCO ANALYTICAL
3-NITROANILINE
1,3-DINITRO-
BENZENE
FORMALDEHYDE-DNPH
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
100
90
80
70
60
50
40
30
20
10
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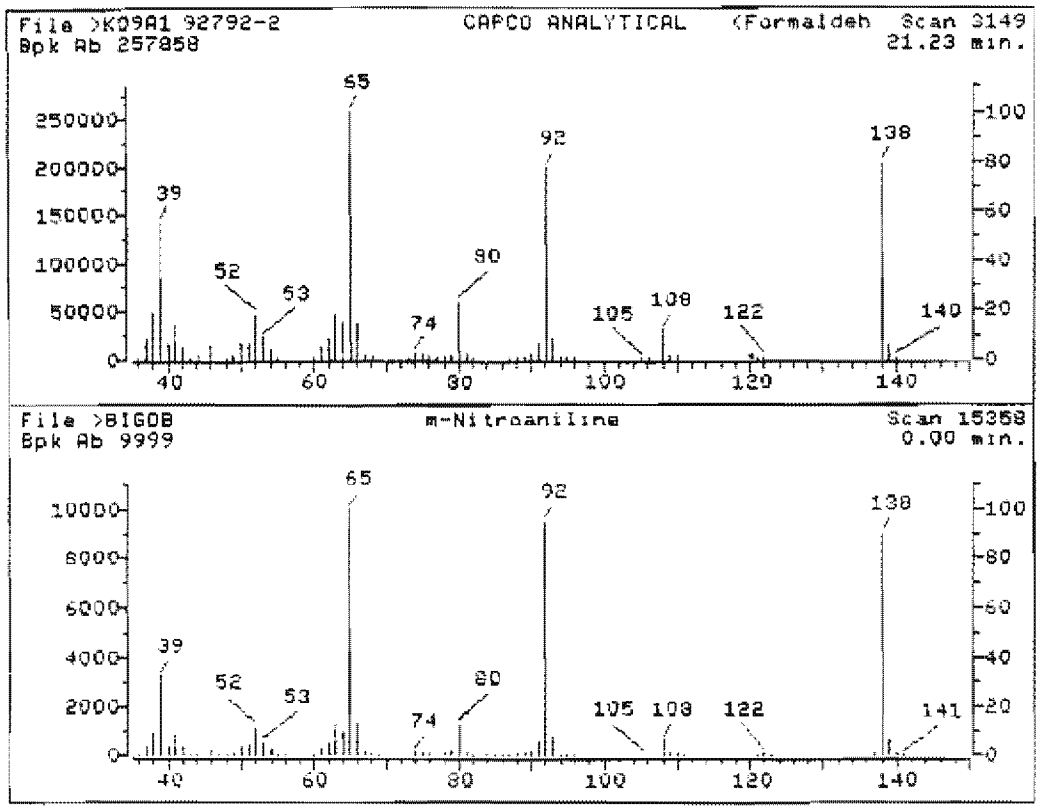
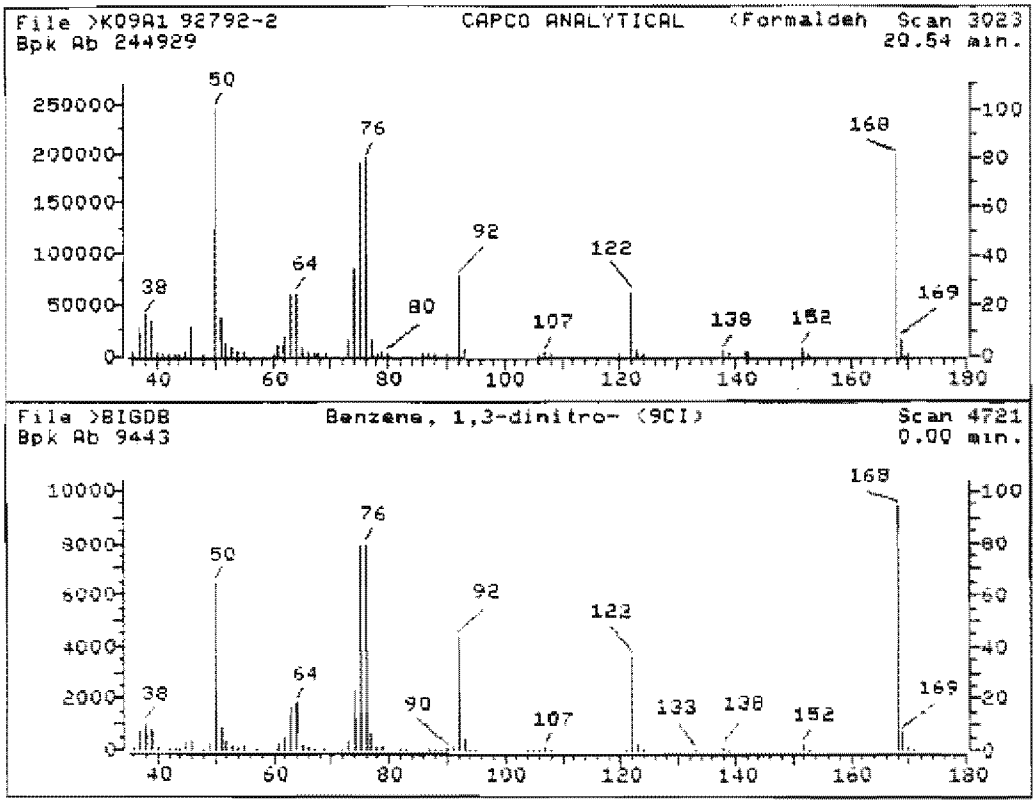
8
12
16
20
24
28
32
36
40
44
48
52




| | | | |
|---|---|---|---|
| *1. | m-Nitroaniline | 138 | C6H6N2O2 |
| 2. | 3-Picoline, 6-nitro- (8CI) | 138 | C6H6N2O2 |
| 3. | 3-Picoline, 2-nitro- (8CI) | 138 | C6H6N2O2 |
| 4. | 2-Picoline, 5-nitro- (8CI) | 138 | C6H6N2O2 |
| 5. | Pyridine, 4-methyl-2-nitro- (9CI) | 138 | C6H6N2O2 |
| 6. | o-Nitroaniline | 138 | C6H6N2O2 |
| 7. | Cyclobutene, 2-propenylidene- (9CI) | 92 | C7H8 |

Sample file: ARTIFI  Spectrum #: -1
Search speed: 3  Tilting option: F  No. of ion ranges searched: 85

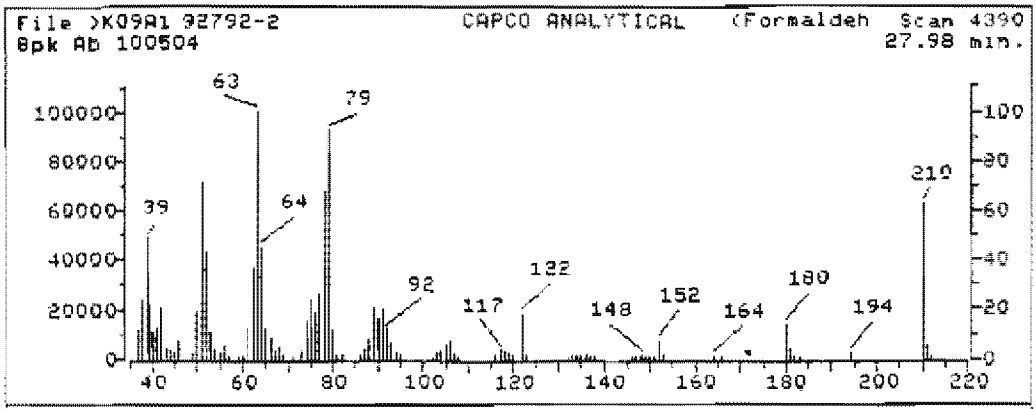
| | Prob. | CAS # | CON # | ROOT | K | DK | #FLG | TILT | % | CON | C_I | R_IV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 92* | 99092 | 15358 | "BIGDB | 74 | 35 | 0 | 0 | 91 | 11 | 64 | 92 |
| 2. | 73* | 1074380 | 2735 | "BIGDB | 64 | 43 | 0 | 0 | 83 | 38 | 28 | 77 |
| 3. | 71* | 18368735 | 2714 | "BIGDB | 65 | 37 | 0 | 3 | 60 | 28 | 29 | 67 |
| 4. | 59* | 18368511 | 7681 | "BIGDB | 41 | 47 | 0 | 3 | 55 | 32 | 22 | 44 |
| 5. | 59* | 18368713 | 7562 | "BIGDB | 68 | 26 | 1 | 2 | 85 | 39 | 21 | 59 |
| 6. | 40* | 88744 | 2734 | "BIGDB | 47 | 53 | 2 | 4 | 45 | 28 | 14 | 17 |
| 7. | 40* | 52097855 | 7657 | "BIGDB | 45 | 34 | 2 | 4 | 127 | 26 | 14 | 17 |

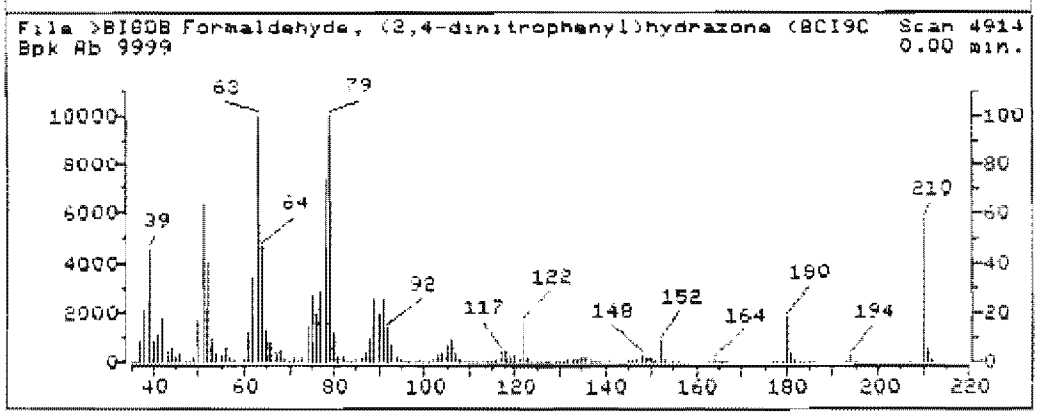



| | | |
|---|---|---|
| *1. Benzene, 1,3-dinitro- (9CI) | 168 | C6H4N2O4 |
| 2. Benzene, 1,4-dinitro- (9CI) | 168 | C6H4N2O4 |
| 3. Benzene, 1,2-dinitro- (9CI) | 168 | C6H4N2O4 |
| 4. 2,1-Benzisoxazole (8CI9CI) | 119 | C7H5NO |

Sample file: ARTIFI  Spectrum #: -1
Search speed: 3  Tilting option: F  No. of ion ranges searched: 85

| | Prob. | CAS # | CON # | ROOT | K | DK | #FLG | TILT | % | CON | C_I | R_IV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 75* | 99650 | 4721 | "BIGDB | 56 | 70 | 0 | 0 | 71 | 18 | 35 | 67 |
| 2. | 73* | 100254 | 20053 | "BIGDB | 67 | 51 | 1 | 0 | 91 | 23 | 32 | 66 |
| 3. | 30* | 528290 | 2560 | "BIGDB | 28 | 106 | 3 | 0 | 90 | 33 | 12 | 13 |
| 4. | 25 | 271589 | 2607 | "BIGDB | 61 | 36 | 2 | 2 | 30 | 48 | 7 | 14 |




| | | | |
|---|---|---|---|
| *1. | Formaldehyde, (2,4-dinitrophenyl)hydrazone (8CI9CI) | 210 | C7H6N4O4 |
| 2. | Oxiranecarboxamide, 3-phenyl- (9CI) | 163 | C9H9NO2 |
| 3. | 1H-Pyrrolo[2,3-b]pyridine, 3-amino-2-(4-pyridyl)- (8CI) | 210 | C12H10N4 |
| 4. | Benzenemine, 2,4-dinitro- (9CI) | 183 | C6H5N3O4 |
| 5. | 1H-Tetrazole, 1-phenyl- (8CI9CI) | 146 | C7H6N4 |

Sample file: ARTIFI  Spectrum #: -1
Search speed: 3  Tilting option: F  No. of ion ranges searched: 86

| | Prob. | CAS # | CON # | ROOT | K | DK | #FLG | TILT | % | CON | C_I | R_IV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 91* | 1081158 | 4914 | "BI6DB | 99 | 73 | 0 | 0 | 68 | 40 | 47 | 87 |
| 2. | 36* | 18538539 | 7555 | "BI6DB | 51 | 38 | 2 | 4 | 13 | 45 | 12 | 27 |
| 3. | 35* | 23616684 | 25722 | "BI6DB | 44 | 71 | 2 | 4 | 81 | 30 | 14 | 12 |
| 4. | 32* | 97029 | 2669 | "BI6DB | 48 | 72 | 0 | 3 | 29 | 52 | 9 | 49 |
| 5. | 31* | 5378529 | 2605 | "BI6DB | 41 | 48 | 2 | 4 | 13 | 32 | 12 | 14 |

Form Vta.(7/93)

# CHAIN OF CUSTODY RECORD

1502

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Vta | DATE: 9-5-96 | FM JOB No.: 9698-3411 |
| CLIENT: DIAL | PROJECT: Confirmatory Sampling | | |
| PROJECT MANAGER: M. Flack | SAMPLER (Signature): Lanhon / Zukor | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | A-4-A | AREA 4 LOCATION A | 9 5 96 | 0940 | 3 | 1 | S | ICE | A, B, C |
| | A-4-B | A-4-B | | 0950 | | | | | |
| | A-4-C | A-4-C | | 1000 | | | | | |
| | A-4-D | A-4-D | | 1005 | | | | | |
| | A-4-E | A-4-E | | 1010 | | | | | |
| | A-4-F | A-4-F | | 1020 | | | | | |
| | J-1-MID | J-1-MIDDLE | | 1040 | | | | | B |
| | AII-A | | | 1045 | | | | | B D |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A EPA 300.0 Chloride |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B EPA 150.1 pH |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C EPA 8015 FC |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D EPA ~~350~~ 350.3 Nitrogen-Ammonia N |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) Gena Ditmore CAS | DATE: 9/5/96 | TIME: 1700 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: | TURNAROUND TIME: | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0F17C\custody 713

R4 S13

Form: VIa (7/93)

# CHAIN OF CUSTODY RECORD

· 502 ·

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: PLA | DATE: 9-5-96 | FM JOB No.: 838-3411 |
| CLIENT: DJAL | PROJECT: Confirmatory Sampling | | |
| PROJECT MANAGER: Michael Flock | SAMPLER (Signature): [illegible] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | AII-B | AREA II B | 9-5-96 | 1050 | 3 | 1 | S | ICE | A B |
| | J·1·N | J·1·NORTH | | 1055 | ↓ | ↓ | ↓ | ↓ | A |
| | AIII·A | AREA III · A | | 1010 | ↓ | ↓ | ↓ | ↓ | A |
| | AIII·B | AREA III · B | | 1005 | ↓ | ↓ | ↓ | ↓ | A |
| | S·P·A | SUMP · P · A | | 1015 | ↓ | ↓ | ↓ | ↓ | A B C D |
| | AV·E·1 | AREA V E-1 | | 1030 | ↓ | ↓ | ↓ | ↓ | A C D F |
| | AV·B | AREA V B | | 1311 | ↓ | ↓ | ↓ | ↓ | ↓ ↓ ↓ ↓ |
| | HA·3 | HAND AUGER #3 | | 1436 | ↓ | ↓ | ↓ | ↓ | D |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 9045 - pH |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | 350.3 - Nitrogen Ammonia-N |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | EPA 300 - Chloride |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | EPA 8015 FC |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | ~~EPA 300.2 Nit~~ |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | EPA 425.1 MBAS |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) Gena Dumne CAS | DATE: 9/5/96 | TIME: 1700 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

| | | |
|---|---|---|
| METHOD OF SHIPMENT: Deliver | TURNAROUND TIME: Normal | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days |

SPECIAL INSTRUCTIONS: Please FAX Results when available

HANDLING INFORMATION

White - FM Copy  Yellow - Laboratory Copy  Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0F17Custody 713

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

5 0 0

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 9-5-96 | FM JOB No.: 9698-3411 |
| CLIENT: DIAL | PROJECT: Confirmatory Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): Lawhon/Zukor [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | HA-4 | HAND AUGER #4 | 9/5/96 | 1438 | 1 | 1 | S | A | A |
| | | END | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 8015-FC |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) Gina Ditmore CAS | DATE: 9/5/96 | TIME: 1700 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT: Deliver

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: Please FAX when available

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17C\custody 713

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) September 20, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Mike Flack

Laboratory No: 961568 Job No: B01295
Date Received: 17-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On September 17, 1996, five (5) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 18 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| S | 96156801 |
| SW | 96156802 |
| SW | 96156803* |
| T | 96156804 |
| D | 96156805 |

(* ON HOLD PER CUSTOMER REQUEST)

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961568 Date Received: 9/16/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96156801** | | **Date Extracted:** | | **9/17/96** |
| **Client ID: S** | | **Date Analyzed:** | | **9/18/96** |
| TPH - (C4 - C12) | 0.56 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 170 | 10.0 | 100 | 57 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96156802** | | **Date Extracted:** | | **9/17/96** |
| **Client ID: Sw** | | **Date Analyzed:** | | **9/18/96** |
| TPH - (C4 - C12) | 1.5 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 200 | 10.0 | 100 | 73 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96156804** | | **Date Extracted:** | | **9/17/96** |
| **Client ID: T** | | **Date Analyzed:** | | **9/17/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 71 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961568 Date Received: 9/16/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96156805** | | **Date Extracted:** | | **9/17/96** |
| **Client ID: D** | | **Date Analyzed:** | | **9/17/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 961568-MB** | | **Date Extracted:** | | **9/17/96** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **9/17/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 88 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: S
CAS LAB NO: 96156801
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0930

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 50 | 200 |
| Bromobenzene | BQL | 50 | 500 |
| Bromochloromethane | BQL | 50 | 500 |
| Bromodichloromethane | BQL | 50 | 200 |
| Bromoform | BQL | 50 | 500 |
| Bromomethane | BQL | 50 | 200 |
| N-Butylbenzene | BQL | 50 | 200 |
| sec-Butylbenzene | BQL | 50 | 200 |
| tert-Butylbenzene | BQL | 50 | 200 |
| Carbon Tetrachloride | BQL | 50 | 100 |
| Chlorobenzene | BQL | 50 | 200 |
| Chloroethane | BQL | 50 | 200 |
| Chloroform | BQL | 50 | 500 |
| Chloromethane | BQL | 50 | 200 |
| 2-Chlorotoluene | BQL | 50 | 200 |
| 4-Chlorotoluene | BQL | 50 | 200 |
| Chlorodibromomethane | BQL | 50 | 200 |
| 1,2-Dibromo-3-chloropropane | BQL | 50 | 2000 |
| 1,2-Dibromoethane | BQL | 50 | 500 |
| Dibromomethane | BQL | 50 | 200 |
| 1,2-Dichlorobenzene | BQL | 50 | 500 |
| 1,3-Dichlorobenzene | BQL | 50 | 200 |
| 1,4-Dichlorobenzene | BQL | 50 | 200 |
| Dichlorodifluoromethane | BQL | 50 | 100 |
| 1,1-Dichloroethane | BQL | 50 | 200 |
| 1,2-Dichloroethane | BQL | 50 | 500 |
| 1,1-Dichloroethene | BQL | 50 | 200 |
| cis-1,2-Dichloroethene | BQL | 50 | 200 |
| trans-1,2-Dichloroethene | BQL | 50 | 200 |
| 1,2-Dichloropropane | BQL | 50 | 200 |
| 1,3-Dichloropropane | BQL | 50 | 200 |
| 2,2-Dichloropropane | BQL | 50 | 200 |

N. Abach
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: S
CAS LAB NO: 96156801
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0930

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 50 | 100 |
| Ethylbenzene | BQL | 50 | 200 |
| Hexachlorobutadiene | BQL | 50 | 500 |
| Isopropylbenzene | BQL | 50 | 200 |
| p-Isopropyltoluene | BQL | 50 | 200 |
| Methylene Chloride | BQL | 50 | 500 |
| Napthalene | BQL | 50 | 1000 |
| N-Propylbenzene | BQL | 50 | 200 |
| Styrene | BQL | 50 | 500 |
| 1,1,1,2-Tetrachloroethane | BQL | 50 | 200 |
| 1,1,2,2-Tetrachloroethane | BQL | 50 | 500 |
| Tetrachloroethene | BQL | 50 | 200 |
| Toluene | BQL | 50 | 200 |
| 1,2,3-Trichlorobenzene | BQL | 50 | 500 |
| 1,2,4-Trichlorobenzene | BQL | 50 | 500 |
| 1,1,1-Trichloroethane | BQL | 50 | 200 |
| 1,1,2-Trichloroethane | BQL | 50 | 500 |
| Trichloroethylene | BQL | 50 | 200 |
| Trichlorofluoromethane | BQL | 50 | 200 |
| 1,2,3-Trichloropropane | BQL | 50 | 1000 |
| 1,2,4-Trimethylbenzene | BQL | 50 | 200 |
| 1,3,5-Trimethylbenzene | BQL | 50 | 200 |
| Vinyl Chloride | BQL | 50 | 100 |
| total Xylenes | BQL | 50 | 1000 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 105 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 106 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abac
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Sw
CAS LAB NO: 96156802
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/18/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0940

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 25 | 100 |
| Bromobenzene | BQL | 25 | 200 |
| Bromochloromethane | BQL | 25 | 200 |
| Bromodichloromethane | BQL | 25 | 100 |
| Bromoform | BQL | 25 | 200 |
| Bromomethane | BQL | 25 | 80 |
| N-Butylbenzene | BQL | 25 | 100 |
| sec-Butylbenzene | BQL | 25 | 100 |
| tert-Butylbenzene | BQL | 25 | 100 |
| Carbon Tetrachloride | BQL | 25 | 50 |
| Chlorobenzene | BQL | 25 | 100 |
| Chloroethane | BQL | 25 | 100 |
| Chloroform | BQL | 25 | 200 |
| Chloromethane | BQL | 25 | 80 |
| 2-Chlorotoluene | BQL | 25 | 100 |
| 4-Chlorotoluene | BQL | 25 | 100 |
| Chlorodibromomethane | BQL | 25 | 100 |
| 1,2-Dibromo-3-chloropropane | BQL | 25 | 1000 |
| 1,2-Dibromoethane | BQL | 25 | 200 |
| Dibromomethane | BQL | 25 | 100 |
| 1,2-Dichlorobenzene | BQL | 25 | 200 |
| 1,3-Dichlorobenzene | BQL | 25 | 100 |
| 1,4-Dichlorobenzene | BQL | 25 | 100 |
| Dichlorodifluoromethane | BQL | 25 | 50 |
| 1,1-Dichloroethane | BQL | 25 | 100 |
| 1,2-Dichloroethane | BQL | 25 | 200 |
| 1,1-Dichloroethene | BQL | 25 | 80 |
| cis-1,2-Dichloroethene | BQL | 25 | 100 |
| trans-1,2-Dichloroethene | BQL | 25 | 100 |
| 1,2-Dichloropropane | BQL | 25 | 100 |
| 1,3-Dichloropropane | BQL | 25 | 100 |
| 2,2-Dichloropropane | BQL | 25 | 100 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Sw
CAS LAB NO: 96156802
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/18/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0940

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 25 | 50 |
| Ethylbenzene | BQL | 25 | 80 |
| Hexachlorobutadiene | BQL | 25 | 200 |
| Isopropylbenzene | BQL | 25 | 100 |
| p-Isopropyltoluene | BQL | 25 | 100 |
| Methylene Chloride | BQL | 25 | 200 |
| Napthalene | BQL | 25 | 500 |
| N-Propylbenzene | BQL | 25 | 100 |
| Styrene | BQL | 25 | 200 |
| 1,1,1,2-Tetrachloroethane | BQL | 25 | 100 |
| 1,1,2,2-Tetrachloroethane | BQL | 25 | 200 |
| Tetrachloroethene | BQL | 25 | 80 |
| Toluene | BQL | 25 | 100 |
| 1,2,3-Trichlorobenzene | BQL | 25 | 200 |
| 1,2,4-Trichlorobenzene | BQL | 25 | 200 |
| 1,1,1-Trichloroethane | BQL | 25 | 100 |
| 1,1,2-Trichloroethane | BQL | 25 | 200 |
| Trichloroethylene | BQL | 25 | 80 |
| Trichlorofluoromethane | BQL | 25 | 80 |
| 1,2,3-Trichloropropane | BQL | 25 | 500 |
| 1,2,4-Trimethylbenzene | BQL | 25 | 100 |
| 1,3,5-Trimethylbenzene | BQL | 25 | 100 |
| Vinyl Chloride | BQL | 25 | 50 |
| total Xylenes | BQL | 25 | 500 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 105 | 80-120% |
| Toluene-d8 | 90 | 81-117% |
| 4-Bromofluorobenzene | 96 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: T
CAS LAB NO: 96156804
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0916

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: T
CAS LAB NO: 96156804
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0916

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane* | 132 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene* | 156 | 74-121% |

* High surrogate recovery due to matrix interference.

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: D
CAS LAB NO: 96156805
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1005

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: D
CAS LAB NO: 96156805
Date Received: 9/16/96
Date Sampled: 9/16/96

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1005

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 116 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 121 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961568-MB
Date Extracted: N/A

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961568-MB
Date Extracted: N/A

Date Analyzed: 9/17/96
Analyst: NAH
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 106 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961568-MB
Date Extracted: N/A

Date Analyzed: 9/18/96
Analyst: NAH
Sample Matrix:

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 10 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961568-MB
Date Extracted: N/A

Date Analyzed: 9/18/96
Analyst: NAH
Sample Matrix:

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Napthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 105 | 80-120% |
| Toluene-d8 | 103 | 81-117% |
| 4-Bromofluorobenzene | 97 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961568
Analyst:

Sample Matrix: Soil
Date Received: 9/16/96
Date Sampled: 9/16/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96156801 | S | 8.4 | 9/17/96 |
| 96156802 | Sw | 8.7 | 9/17/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Kliowsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961568
Date Received: 9/16/96
Date Analyzed: 9/17/96

Sample Matrix: Soil
Date Sampled: 9/16/96
Analyst: DK

**SOLUABLE CHLORIDE ANALYSIS**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96156801 | S | 110 | 1 | 10 |
| 96156802 | Sw | 200 | 1 | 10 |
| 961568-MB | Method Blank | BQL | 1 | 10 |

Sample was analyzed on 1:10 soil/water extract
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961568
Date Received: 9/16/96
Date Analyzed: 9/18/96

Sample Matrix: Soil
Date Sampled: 9/16/96
Analyst: DK

**PHOSPHOROUS ANALYSIS**
**EPA Method 365.2m**

| CAS Lab # | Sample ID | RESULTS PO4 as P(mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96156801 | S | 0.54 | 1 | 0.5 |
| 96156802 | Sw | 3.1 | 2 | 1 |
| 961568-MB | Method Blank | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961568
Date Received: 9/16/96
Date Analyzed: 9/17/96

Sample Matrix: Soil
Date Sampled: 9/16/96
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1m**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96156801 | S | 310 | 2.50 | 2 |
| 96156802 | Sw | 57 | 2.50 | 2 |
| 961568-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Form VIa (7/93)

# CHAIN OF CUSTODY RECORD

91568-

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO Analytical Ser. | LABORATORY LOCATION: VENTURA | DATE: 9.16.96 | FM JOB No.: 9648-3411 |
| CLIENT: DIAL | PROJECT: DIAL, SOUTH GATE | | |
| PROJECT MANAGER: MIKE FLACK | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | S | BASAL SAMPLE STRM WTR CLARIFIER | 9.16 | 9:30 | Ring(1) | 1 | SOIL | N/A(D) | A, B, C, D, E, F |
| | Sw | SIDE WALL, SOUTH STRM WTR, CLARIFIER | 9.16 | 9:40 | Ring(1) | 1 | SOIL | N/A(D) | A, B, C, D, E, F |
| | Sw | " " | " | " | " | " | " | " | HOLD |
| | | | | | | | | | |
| | T | BASAL SAMPLE 6 FEET DTS BLD 15 CLARIFIER | 9:55 | 9.16 | Ring(1) | 1 | SOIL | N/A(D) | A, B |
| | | | | | | | | | |
| | D | BASAL SAMPLE (6 FT) SUMP BLDG 15 | 9.16 | 10:05 | Ring(1) | 1 | Soil | N/A(D) | A, B |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A TPH.FC (8015 MODIFIED) |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B VOCs (EPA 8260) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C ph (EPA 9045 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D MBAS (EPA 425.1) |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E Chlorine (EPA 300.0) |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F Phosphates (EPA 300.0) |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] 9.16 | RECEIVED BY: (Signature) Dan Farah | DATE: 9/16/96 | TIME: 5:10 pm |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) September 13, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961518 Job No: B01295
Date Received: 09-SEP-96 Sampled By: Client
Project: Dial Sample ID: See Below

## RESULTS

On September 09, 1996, two (2) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 3 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| HA-9 | 96151801 |
| HA-10 | 96151802 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: HA-9
CAS LAB NO: 96151801
Date Received: 9/09/96
Date Sampled: 9/09/96

Date Analyzed: 9/09/96
Analyst: NAH
Sample Matrix: Soil
Time Sampled: 0810

## HALOGENATED VOLATILE ORGANIC COMPOUNDS - EPA Method 8010

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodiflouromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichloroflouromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

### Surrogate Recovery

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 55 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abcar
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 961518-MB

Date Analyzed: 9/09/96
Analyst: NAH
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS - EPA Method 8010

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 5 |
| Bromomethane | BQL | 1 | 10 |
| Carbon tetrachloride | BQL | 1 | 5 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 10 |
| Chloroform | BQL | 1 | 5 |
| Chloromethane | BQL | 1 | 10 |
| Dibromochloromethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 5 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodiflouromethane | BQL | 1 | 10 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 5 |
| 1,1-Dichloroethylene | BQL | 1 | 5 |
| trans-1,2-Dichloroethylene | BQL | 1 | 5 |
| Dichloromethane | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| cis-1,3-Dichloropropylene | BQL | 1 | 5 |
| trans-1,3-Dichloropropylene | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 5 |
| Tetrachloroethylene | BQL | 1 | 5 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 5 |
| Trichloroethylene | BQL | 1 | 5 |
| Trichloroflouromethane | BQL | 1 | 10 |
| Vinyl chloride | BQL | 1 | 10 |
| 2-Chloroethylvinyl ether | BQL | 1 | 10 |

### Surrogate Recovery

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | 72 | 40 - 115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961518
Analyst:

Sample Matrix: Soil
Date Received: 9/ 9/96
Date Sampled: 9/ 9/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96151802 | HA-10 | 11.6 | 9/ 9/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Form Vta.(7/93)

61518-

# CHAIN OF CUSTODY RECORD

FUGRO

1 of 1

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Vta | DATE: 9-9-96 | FM TOTAL: 9648-3411 |
| CLIENT: DHL | PROJECT: Confirmatory Sampling | | |
| PROJECT MANAGER: M. Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | HA-9 | Hand Auger 9 5 Ft | 9-9-96 | 0810 | 3 | 1 | 5 | A | A |
| | HA-10 | Hand Auger 10 5 Feet | 9-9-96 | 0830 | ↓ | ↓ | ↓ | ↓ | B |
| | | END | | | | | | | END |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8010 - VOCs |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | 9045 - pH |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 9/9/96 | TIME: 1255 |

METHOD OF SHIPMENT: Deliver

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: Please FAX when available!

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,OF170\custody 713

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411)
5855 Olivas Park Drive
Ventura, CA. 93003

September 12, 1996

**ATTENTION:** Michael Flack

Laboratory No: 961481
Date Received: 04-SEP-96
Project: Dial

Job No: B01295
Sampled By: Client
Sample ID: See Below

## RESULTS

On September 04, 1996, seven (7) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 8 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| U-1 | 96148101 |
| U-2 | 96148102 |
| U-3 | 96148103 |
| O-M | 96148104 |
| O-SE | 96148105 |
| J-I | 96148106 |
| C-I | 96148107 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961481
Date Received: 9/ 4/96

Sample Matrix: Soil
Date Sampled: 9/ 4/96
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96148101 | V-1 | BQL | 1 | 10 |
| 96148102 | V-2 | BQL | 1 | 10 |
| 96148103 | V-3 | BQL | 1 | 10 |
| 96148104 | O-M | BQL | 1 | 10 |
| 96148105 | O-SE | BQL | 1 | 10 |
| 96148106 | J-1 | BQL | 1 | 10 |
| 96148107 | C-1 | BQL | 1 | 10 |
| 961481-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2m

Diana Klomsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961481
Date Received: 9/ 4/96
Date Analyzed: 9/ 6/96

Sample Matrix: Soil
Date Sampled: 9/ 4/96
Analyst: DK

**SOLUABLE CHLORIDE ANALYSIS**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 96148101 | V-1 | 110 | 1 | 10 |
| 96148102 | V-2 | 75 | 1 | 10 |
| 96148103 | V-3 | 150 | 1 | 10 |
| 96148104 | O-M | 90 | 1 | 10 |
| 96148105 | O-SE | 200 | 1 | 10 |
| 96148106 | J-1 | 510 | 10 | 100 |
| 961481-MB | Method Blank | BQL | 1 | 10 |

Sample was analyzed on 1:10 soil-water extract
PQL: Practical Quartitation Limit
BQL: Below Practical Quantitation Limit
EPA Method for Soluable Chloride: 300.0m

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 961481
Analyst:

Sample Matrix: Soil
Date Received: 9/ 4/96
Date Sampled: 9/ 4/96

## pH RESULTS

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 96148101 | V-1 | 8.1 | 9/ 9/96 |
| 96148102 | V-2 | 8.2 | 9/ 9/96 |
| 96148103 | V-3 | 8.8 | 9/ 9/96 |
| 96148104 | O-M | 9.6 | 9/ 9/96 |
| 96148105 | O-SE | 8.8 | 9/ 9/96 |
| 96148106 | J-1 | 8.8 | 9/ 9/96 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 9045

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961481 Date Received: 9/ 4/96
Matrix: Soil

**POLYCHLORINATED BIPHENOLS - EPA Method 8080**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 96148104** | | **Date Analyzed: 9/ 5/96** | | |
| **Sample ID: O-M** | | **Date Extracted: 9/ 4/96** | | |
| Aroclor-1016 | BQL | 1 | 0.04 | -- |
| Aroclor-1221 | BQL | 1 | 0.04 | -- |
| Aroclor-1232 | BQL | 1 | 0.04 | -- |
| Aroclor-1242 | BQL | 1 | 0.04 | -- |
| Aroclor-1248 | BQL | 1 | 0.04 | -- |
| Aroclor-1254 | 0.080 | 1 | 0.04 | -- |
| Aroclor-1260 | BQL | 1 | 0.04 | -- |
| Dibutylchlorendate (Surrogate) | | | | 94 |
| **CAS Lab #: 96148105** | | **Date Analyzed: 9/ 5/96** | | |
| **Sample ID: O-SE** | | **Date Extracted: 9/ 4/96** | | |
| Aroclor-1016 | BQL | 1 | 0.04 | -- |
| Aroclor-1221 | BQL | 1 | 0.04 | -- |
| Aroclor-1232 | BQL | 1 | 0.04 | -- |
| Aroclor-1242 | BQL | 1 | 0.04 | -- |
| Aroclor-1248 | BQL | 1 | 0.04 | -- |
| Aroclor-1254 | BQL | 1 | 0.04 | -- |
| Aroclor-1260 | BQL | 1 | 0.04 | -- |
| Dibutylchlorendate (Surrogate) | | | | 100 |

Surrogate Control Limits DBC: 63 - 120
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961481 Date Received: 9/ 4/96
Matrix: Soil

**POLYCHLORINATED BIPHENOLS - EPA Method 8080**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate Rec. (%) |
|---|---|---|---|---|
| **CAS Lab #: 961481-MB** | | **Date Analyzed: 9/ 5/96** | | |
| **Sample ID: Method Blank** | | **Date Extracted: 9/ 4/96** | | |
| Aroclor-1016 | BQL | 1 | 0.04 | -- |
| Aroclor-1221 | BQL | 1 | 0.04 | -- |
| Aroclor-1232 | BQL | 1 | 0.04 | -- |
| Aroclor-1242 | BQL | 1 | 0.04 | -- |
| Aroclor-1248 | BQL | 1 | 0.04 | -- |
| Aroclor-1254 | BQL | 1 | 0.04 | -- |
| Aroclor-1260 | BQL | 1 | 0.04 | -- |
| Dibutylchlorendate (Surrogate) | | | | 91 |

Surrogate Control Limits DBC: 63 - 120
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961481 Date Received: 9/ 4/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96148101** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: U-1** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 74 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96148102** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: U-2** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 76 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96148103** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: U-3** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 74 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961481 Date Received: 9/ 4/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96148104** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: O-M** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | 0.64 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 10 | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96148105** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: O-SE** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 75 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 96148106** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: J-1** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 87 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Abad
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: LA
Lab ID: 961481 Date Received: 9/ 4/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 961481-MB** | | **Date Extracted:** | | **9/ 5/96** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **9/ 5/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 87 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Form. Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

1 of 1

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Vta | DATE: 9-4-96 | FM JOB NO: 9648-3411 |
| CLIENT: DIAL | PROJECT: Confirmatory Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | U-1 | Clarifier U South End 6.5 Ft | 9-4-96 | 0930 | 1 | 1 | S | A | A B C D |
| | U-2 | Clarifier U North End 7 Ft | | 0945 | | | | | |
| | U-3 | Clarifier U South Wall 4 Ft | | 0955 | | | | | |
| | O-M | Sump O Middle ~~South End~~ 4 Ft | | 1030 | | | | | A B C D E |
| | O-SE | SWHP O South End 3 Ft | | 1040 | | | | | |
| | J-1* | Trench J South End 5 Ft | | 1050 | | | | | A, B, C, D |
| | C-1 | Sump C Middle 4 Ft | | 1115 | | | | | C |
| | END | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | pH - ~~EPA 150.1~~ 9045 |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | chloride EPA-300 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | ammonia - EPA 350.3 |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | TPH-FC - EPA 8015 |
| 5 | Amber glass bottle with Teflon lined screw cap, 280 milliliters | PRESERVATION METHOD | | E | PCB - ~~EPA~~ EPA 8080 |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 9/4/96 | TIME: 1425 |

METHOD OF SHIPMENT: Deliver

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☑ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: Please FAX results when available * Add B, C, D per Mike DF 9/4/96

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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R4 S4

9648-3410

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3410) August 30, 1996
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** M. Flack

Laboratory No: 961425 Job No: B01295
Date Received: 27-AUG-96 Sampled By: Client
Project: Dial, South Gate Sample ID: See Below

**RESULTS**

On August 27, 1996, two (2) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 1 page excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| BLDG. 4A | 96142501 |
| BLDG. 4B | 96142502* |

(* ON HOLD PER CUSTOMER REQUEST)

RECEIVED
SEP - 4 1996
FUGRO-WEST, INC.

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3410) Analyst: LA
Lab ID: 961425 Date Received: 8/27/96
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 96142501** | | **Date Extracted:** | | **8/28/96** |
| **Client ID: Bldg.-4A** | | **Date Analyzed:** | | **8/28/96** |
| TPH - (C4 - C12) | 0.55 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 13 | 1.0 | 10 | 82 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 961425-MB** | | **Date Extracted:** | | **8/28/96** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **8/28/96** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Form. Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

| | | | |
|---|---|---|---|
| LABORATORY CAPCO Analytical Sr. | LABORATORY LOCATION Ventura | DATE 8/26/96 | FM JOB No. 9648-3410 |
| CLIENT DIAL SOUTH GATE | PROJECT 9300 BAYO AVENUE | | |
| PROJECT MANAGER M. FLACK | SAMPLER (Signature) M. FLACK | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| | BLDG-4A | BUILDING 4 EXCAVATION | 8/23 | 11AM | RING | 1 | SOIL | NONE | 8015M - FINGERPRINT SCAN C6-C23 |
| | BLDG 4B | BUILDING 4 EXCAVATION | 8/23 | 11AM | RING | 1 | SOIL | NONE | (HOLD) |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) John R. Cook | DATE: 8-26-96 | TIME: 16:49 |
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) [signature] | DATE: 8-27-96 | TIME: 08:28 |
| RELINQUISHED BY: (Signature) [signature] | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 8/27/96 | TIME: 0845 |

METHOD OF SHIPMENT: Courier

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: * VERBAL REPORT OF RESULTS TO M. FLACK (805) 650-7000 *

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93,0F17C\custody 713

R4 S12

# APPENDIX C

# CERTIFIED ANALYTICAL LABORATORY REPORTS: POST-CLOSURE SAMPLES

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 14, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

## RESULTS

On February 26, 1997, twenty-eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On March 13, additional testing for Chloride and pH was requested on samples 97031827 and 97031828. This report consists of 2 pages excluding the cover letter and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 5-5 | 97031801 |
| EB 5-10 | 97031802 |
| EB 6-5 | 97031803 |
| EB 6-10 | 97031804 |
| EB 7-5 | 97031805 |
| EB 7-10 | 97031806 |
| EB 13-5 | 97031807 |
| EB 13-10 | 97031808 |
| EB 13-15 | 97031809 |
| EB 13-20 | 97031810 |
| EB 13-25 | 97031811 |
| EB 13-30 | 97031812 |
| EB 13-35 | 97031813 |
| EB 13-40 | 97031814 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 14, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 16-5 | 97031815 |
| EB 16-10 | 97031816 |
| EB 16-15 | 97031817 |
| EB 16-20 | 97031818 |
| EB 17-5 | 97031819 |
| EB 17-10 | 97031820 |
| EB 17-15 | 97031821 |
| EB 17-20 | 97031822 |
| EB 18-5 | 97031823 |
| EB 18-10 | 97031824 |
| EB 18-15 | 97031825 |
| EB 18-20 | 97031826 |
| MW-1 | 97031827 |
| MW-2 | 97031828 |

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970318
Analyst: C.Y.

Sample Matrix: Water
Date Received: 2/26/97
Date Sampled: 2/25/97

**pH RESULTS**
**EPA METHOD 150.1**

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 97031827-ADD | MW-1 | 7.4 | 3/13/97 |
| 97031828-ADD | MW-2 | 7.2 | 3/13/97 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Khiorsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
CAS Lab No: 970318
Date Received: 2/26/97
Date Analyzed: 2/26/97

Sample Matrix: Water
Date Sampled: 2/25/97
Analyst: DK

**CHLORIDE ANALYSIS**
**EPA Method: 300.0**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97031827-ADD | MW-1 | 220 | 50.00 | 50 |
| 97031828-ADD | MW-2 | 700 | 50.00 | 50 |
| 970318-MB-ADD | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

970316

FUGRO

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9848-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB5-5 | Drill Hole EB 5 5 Ft | 2-25-97 | | 3 | 2 | S | A | B |
| 2 | EB5-10 | 10 Ft | | | | | | | |
| 3 | EB6-5 | Drill Hole EB 6 5 Ft | | | | | | | |
| 4 | EB6-10 | 10 Ft | | | | | | | |
| 5 | EB7-5 | Drill Hole EB 7 5 Ft | | | | | | | |
| 6 | EB7-10 | 10 Ft | | | | | | | |
| 7 | EB13-5 | Drill Hole EB 13 5 Ft | | | | | | | |
| 8 | EB13-10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | 8015- Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1- MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2- Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 8315- Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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93 OF17Custody.713

R4 S10

Form: Vta.(7/93)

8

# CHAIN OF CUSTODY RECORD

FUGRO

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9645-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB13.15 | Drill Hole EB13 15 Ft | 2-25-97 | | 3 | 2 | 5 | A | B |
| 10 | EB13.20 | 20 Ft | | | | | | | |
| 11 | EB13.25 | 25 Ft | | | | | | | |
| 12 | EB13.30 | 30 Ft | | | | | | | |
| 13 | EB13.35 | 35 Ft | | | | | | | |
| 14 | EB13.40 | 40 Ft | | | | | | | |
| 15 | EB16.5 | Drill Hole EB16 5 Ft | | | | | | | C D E |
| 16 | EB16.10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260 VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1 MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2 Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 8315 Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form VIa (7/93)

# CHAIN OF CUSTODY RECORD

8

FUGRO

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM JOB No.: 9648-3411 |
| CLIENT: DHL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | EB16-15 | Drill Hole EB16 15 Ft | 2-25-97 | | 3 | 2 | S | A | E |
| 18 | EB16-20 | 20 Ft | | | | | | | |
| 19 | EB17-5 | Drill Hole EB17 5 Ft | | | | | | | C D E |
| 20 | EB17-10 | 10 Ft | | | | | | | |
| 21 | EB17-15 | 15 Ft | | | | | | | |
| 22 | EB17-20 | 20 Ft | | | | | | | |
| 23 | EB18-5 | Drill Hole EB18 5 Ft | | | | | | | C D E |
| 24 | EB18-10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | 8015-Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1-MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2-Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 8315-Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form Vta (7/93)

# CHAIN OF CUSTODY RECORD



FUGRO

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM JOB No.: 7648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | EB18-15 | Drill Hole EB18 15 Ft | 2-25-97 | | 3 | 2 | S | A | E |
| 26 | EB18-20 | ↓ 20 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 27 | MW-1 | Monitor Well MW-1 | ↓ | 1530 | 4,7,9 | 4 | W | ↓ | A B C D E |
| 28 | MW-2 | Monitor Well MW-2 | ↓ | 1600 | ↓↓↓ | ↓ | ↓ | ↓ | ↓↓↓↓↓ |
| | | | | | | | | | |
| | | | END | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B 8015-Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C 425.1-MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D 350.2 Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E 8315-Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Ntimme CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 30 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 12, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

## RESULTS

On February 26, 1997, twenty-eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On March 5, 1997, the report was sent, with the notice that the results of the Formaldehyde testing would follow. This report consists of 2 pages excluding the cover letter, Chain of Custody, and sub-contractors report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 5-5 | 97031801 |
| EB 5-10 | 97031802 |
| EB 6-5 | 97031803 |
| EB 6-10 | 97031804 |
| EB 7-5 | 97031805 |
| EB 7-10 | 97031806 |
| EB 13-5 | 97031807 |
| EB 13-10 | 97031808 |
| EB 13-15 | 97031809 |
| EB 13-20 | 97031810 |
| EB 13-25 | 97031811 |
| EB 13-30 | 97031812 |
| EB 13-35 | 97031813 |
| EB 13-40 | 97031814 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 16-5 | 97031815 |
| EB 16-10 | 97031816 |
| EB 16-15 | 97031817 |
| EB 16-20 | 97031818 |
| EB 17-5 | 97031819 |
| EB 17-10 | 97031820 |
| EB 17-15 | 97031821 |
| EB 17-20 | 97031822 |
| EB 18-5 | 97031823 |
| EB 18-10 | 97031824 |
| EB 18-15 | 97031825 |
| EB 18-20 | 97031826 |
| MW-1 | 97031827 |
| MW-2 | 97031828 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analystical Services, Inc. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA 93003**
**(805) 984-2416**

---

Client: Fugro (9648-3411) CAS LAB NO: 970318
Date Analyzed: 03/10/97
Analysis by Truesdail Laboratories, Inc.

---

**FORMALDEHYDE EPA Method 8315**

Milligrams per Liter

| CAS Lab No | SAMPLE ID | Formaldehyde | Detection Limit |
|---|---|---|---|
| 97031827 | MW-1 | Trace<0.025 | 0.02 |
| 97031828 | MW-2 | 0.13 | 0.02 |
| 970318-MB | Method Blank | 0.013 | 0.02 |

| | |
|---|---|
| LCS | 0.257 |
| Amount Spiked: | 0.233 |
| Percent Recovered: | 110% |

TR-Trace above method background

Dan Farch
Principal Analyst

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: March 11, 1997
Recv'd: February 28, 1997
Lab. No.: 600064
P.O. No.: 1790

Samples: Twelve (12) soil samples and two (2) water samples labelled as shown in the tables below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

The results are tabulated on the following pages.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods

TRUESDAIL LABORATORIES, INC.

Capco Analytical
LN 600064
Page 2

Date Received: 2/28/97
Date Extracted: 3/3/97
Date Analyzed: 3/10/97

**Milligrams per Kilograms**

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Method Blank | ND | 2 |
| 970318-15 | 10.1 | 2 |
| 970318-16 | ND | 2 |
| 970318-17 | ND | 2 |
| 970318-18 | 3.0 | 2 |
| 970318-19 | ND | 2 |
| 970318-20 | ND | 2 |
| 970318-21 | 12.3 | 2 |
| 970318-22 | 2.6 | 2 |
| 970318-23 | 6.1 | 2 |
| 970318-24 | 5.5 | 2 |
| 970318-25 | 7.6 | 2 |
| 970318-26 | 3.7 | 2 |
| LCS | 21.1 | |
| Amount Spiked: | 18.9 | |
| Percent Recovered: | 111.64% | |

Date Received: 2/28/97
Date Extracted: 3/4/97
Date Analyzed: 3/6/97

**Milligrams per Liter**

| Water Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Method Blank | 0.013 | 0.02 |
| 970318-27 | Trace< 0.025 | 0.02 |
| 970318-28 | 0.13 | 0.02 |
| Laboratory Control Spike | 0.257 | |
| Amount Spiked: | 0.233 | |
| Percent Recovered: | 110% | |

ND-Not detected.
TR-Trace above method background.

Form: VIa.(7/93)

# CHAIN OF CUSTODY RECORD

970318

FUGRO

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 8648-3411 |
| CLIENT: DHL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB5-5 | Drill Hole EB 5 5 Ft | 2-25-97 | | 3 | 2 | S | A | B |
| 2 | EB5-10 | 10 Ft | | | | | | | |
| 3 | EB6-5 | Drill Hole EB 6 5 Ft | | | | | | | |
| 4 | EB6-10 | 10 Ft | | | | | | | |
| 5 | EB7-5 | Drill Hole EB 7 5 Ft | | | | | | | |
| 6 | EB7-10 | 10 Ft | | | | | | | |
| 7 | EB13-5 | Drill Hole EB 13 5 Ft | | | | | | | |
| 8 | EB13-10 | 10 Ft | | | | | | | |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A Air | A 8260-VOCs |
| 2 Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S Solid | B 8015- Fuel Fingerprint |
| 3 Stainless steel sleeve, 1 inch diameter by 6 inches long | W Water | C 425.1- MBAS |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O Other | D 3502- Ammonia |
| 5 Amber glass bottle with Teflon lined screw cap, 260 milliliters | **PRESERVATION METHOD** | E 8315- Formaldehyde |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H |
| 9 Plastic bottle, 1 liter | D None | I |
| 10 Other | E Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0835 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Da

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form Vla.(7/93)

8

# CHAIN OF CUSTODY RECORD

FUGRO

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9648-341 |
| CLIENT: DPAL | PROJECT: Clover Spading | | |
| PROJECT MANAGER: Michael Flint | SAMPLER (Signature): | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB13.15 | Drill Hole EB13 15 FT | 2-25-97 | | 3 | 2 | S | A | B |
| 10 | EB13.20 | 20 FT | | | | | | | |
| 11 | EB13.25 | 25 FT | | | | | | | |
| 12 | EB13.30 | 30 FT | | | | | | | |
| 13 | EB13.35 | 35 FT | | | | | | | |
| 14 | EB13.40 | 40 FT | | | | | | | |
| 15 | EB16.5 | Drill Hole EB16 5 FT | | | | | | | C D E |
| 16 | EB16.10 | 10 FT | | | | | | | |

| VESSEL TYPE | SAMPLE MATRIX | TEST REQUIRED |
|---|---|---|
| 1 Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A Air | A 8260 VOCs |
| 2 Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S Solid | B 8015 Fuel Fingerprint |
| 3 Stainless steel sleeve, 1 inch diameter by 6 inches long | W Water | C 425.1 MBAS |
| 4 Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O Other | D 350.2 Ammonia |
| 5 Amber glass bottle with Teflon lined screw cap, 250 milliliters | **PRESERVATION METHOD** | E 8315 Formaldehyde |
| 6 Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A Artificial ice | F |
| 7 VOA vial, 40 milliliters | B $NaHSO_4$ | G |
| 8 Mason jar, 1 pint or 1 quart | C $HNO_3$ | H |
| 9 Plastic bottle, 1 liter | D None | I |
| 10 Other | E Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gene Dittmar CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

8

FUGRO

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM/OB No.: 9648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | EB16.15 | Drill Hole EB16 15 Ft | 2-25-97 | | 3 | 2 | S | A | E |
| 18 | EB16.20 | 20 Ft | | | | | | | |
| 19 | EB17.5 | Drill Hole EB17 5 Ft | | | | | | | C D E |
| 20 | EB17.10 | 10 Ft | | | | | | | |
| 21 | EB17.15 | 15 Ft | | | | | | | |
| 22 | EB17.20 | 20 Ft | | | | | | | |
| 23 | EB18.5 | Drill Hole EB18 5 Ft | | | | | | | C D E |
| 24 | EB18.10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B | 8015- Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1- MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2- Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 8315- Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form: Vta (7/93)

# CHAIN OF CUSTODY RECORD

8 -

FUGRO

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM JOB No.: 7648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | EB18-15 | Drill Hole EB18 15 Ft | 2-25-97 | | 3 | 2 | S | A | E |
| 26 | EB18-20 | ↓ 20 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 27 | MW-1 | Monitor Well MW-1 | ↓ | 1530 | 4,7,9 | 4 | W | ↓ | A B C D E |
| 28 | MW-2 | Monitor Well MW-2 | ↓ | 1400 | ↓↓↓ | ↓ | ↓ | ↓ | ↓↓↓↓↓ |
| | | | | | | | | | |
| | | | END | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B 8015-Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C 425.1-HCAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D 350.2 Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E 8315-Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

Ventura, California 93003-7672 • (805) 650-7000 FAX (805) 650-7010

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro - ENSR (9648-3411) March 14, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970325 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial - Closure Sampling Sample ID: See Below

**RESULTS**

On February 26, 1997, nine (9) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On March 13, 1997 additional testing for Chloride and pH was requested. This report consists of 2 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| MW-3 | 97032501 |
| MW-13 | 97032502 |
| MW-11 | 97032503 |
| DUPLICATE | 97032504 |
| MW-6 | 97032505 |
| MW-12 | 97032506 |
| MW-7 | 97032507 |
| FB | 97032508 |
| TB | 97032509 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970325
Analyst: C.Y.

Sample Matrix: Water
Date Received: 2/26/97
Date Sampled: 2/26/97

**pH RESULTS**
**EPA METHOD 150.1**

| CAS Lab # | Sample ID | RESULTS pH (S.U.) | Date Analyzed |
|---|---|---|---|
| 97032501-ADD | MW-3 | 7.1 | 3/13/97 |
| 97032502-ADD | MW-13 | 7.3 | 3/13/97 |
| 97032503-ADD | MW-11 | 7.0 | 3/13/97 |
| 97032504-ADD | Duplicate | 7.0 | 3/13/97 |
| 97032505-ADD | MW-6 | 6.7 | 3/13/97 |
| 97032506-ADD | MW-12 | 7.5 | 3/13/97 |
| 97032507-ADD | MW-7 | 6.6 | 3/13/97 |
| 97032508-ADD | FB | 7.4 | 3/13/97 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Kleonsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
CAS Lab No: 970325
Date Received: 2/26/97
Date Analyzed: 3/14/97

Sample Matrix: Water
Date Sampled: 2/26/97
Analyst: DK

**CHLORIDE ANALYSIS**
**EPA Method: 300.0**

| CAS Lab # | Sample ID | RESULTS Chloride (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97032501-ADD | MW-3 | 820 | 50.00 | 50 |
| 97032502-ADD | MW-13 | 1900 | 100.0 | 100 |
| 97032503-ADD | MW-11 | 1600 | 100.0 | 100 |
| 97032504-ADD | Duplicate | 3300 | 200.0 | 200 |
| 97032505-ADD | MW-6 | 3200 | 200.0 | 200 |
| 97032506-ADD | MW-12 | 98 | 10.00 | 10 |
| 97032507-ADD | MW-7 | 9400 | 1000 | 1000 |
| 97032508-ADD | FB | BQL | 1.00 | 1 |
| 970325-MB-ADD | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Kliowsky
Principal Analyst

CAPCO Analytical Services, Inc.

**CAPCO ANALYTICAL SERVICES**

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1085 Fax 644-9947

# CHAIN OF CUSTODY RECORD

**REPORT**
Fax
Company
Address
Phone Contact

**BILL TO:** P.O.#
Company Fugro-ENSR
Address
Phone 650-7000 Contact Michael Flack

PROJ. NO 9648 3411
PROJECT NAME DHAL- Closure Sampling
SAMPLERS: (Signature)

**CONTAINER TYPES**
A = AMBER B = BRASS G = GLASS
P = PLASTIC V = VOA VIAL O = OTHER

REMARKS 9 : 25

| | SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | COMP | GRAB | SAMPLE DESCRIPTION | MATRIX: WATER | SOIL | SLUDGE | OTHER | CONTAINER # | CONTAINER TYPE | ANALYSIS: 8260-VOCs | 8015-Fuel Fingerprint | 425.1-HCBS | 350.2-Ammonia | 8315-Formaldehyde |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-3 | 2-26-97 | 1230 | | | Monitor Well 3 | | | | | | | | | | | |
| 2 | MW-13 | | 1310 | | | 13 | | | | | | | | | | | |
| 3 | MW-11 | | 1250 | | | 11 | | | | | | | | | | | |
| 4 | Duplicate | | — | | | Duplicate | | | | | | | | | | | |
| 5 | MW-6 | | 1400 | | | Monitor Well 6 | | | | | | | | | | | |
| 6 | MW12 | | 1200 | | | 12 | | | | | | | | | | | |
| 7 | MW-7 | | 1345 | | | 7 | | | | | | | | | | | |
| 8 | FB | | | | | Field Blank | | | | | | | | | | | |
| 9 | TB | | | | | Travel Blank | | | | | | | | | | | |

**CHECK ONE BOX:**
DISPOSE SAMPLES
RETURN SAMPLES

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Relinquished by: (Signature) | Date/Time | Received by: (Signature) |
|---|---|---|---|---|---|
| | 2/26/97 1645 | Gena Ditmore | | | |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time | | |
| | | | | | |

**TURN AROUND TIME**

| | | | |
|---|---|---|---|
| 24 Hr. | | 5 Day | ✓ |
| 48 Hr. | | Standard | |
| 72 Hr. | | Other | |

WHITE COPY CANARY COPY PINK COPY

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro - ENSR (9648-3411) March 11, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970325 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial - Closure Sampling Sample ID: See Below

## RESULTS

On February 26, 1997, nine (9) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On March 4, the report was sent, with the notice that the results of Formaldehyde testing would follow. This report consists of 1 page excluding the cover letter, and the Chain of Custody, and the subcontractor's report.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| MW-3 | 97032501 |
| MW-13 | 97032502 |
| MW-11 | 97032503 |
| DUPLICATE | 97032504 |
| MW-6 | 97032505 |
| MW-12 | 97032506 |
| MW-7 | 97032507 |
| FB | 97032508 |
| TB | 97032509 |

RECEIVED
MAR 12 1997
FUGRO WEST, INC.

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analystical Services, Inc. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA 93003**
**(805) 984-2416**

Client: Fugro (9648-3411) CAS LAB NO: 970325
Date Analyzed: 03/06/97
Analysis by Truesdail Laboratories, Inc.

**FORMALDEHYDE EPA Method 8315**

Milligrams per Liter

| CAS Lab No | SAMPLE ID | Formaldehyde | Detection Limit |
|---|---|---|---|
| 97032501 | Monitor Well 3 | 0.067 | 0.02 |
| 97032502 | Monitor Well 13 | Trace<0.03 | 0.02 |
| 97032503 | Monitor Well 11 | 0.149 | 0.02 |
| 97032504 | Duplicate | 0.144 | 0.02 |
| 37032505 | Monitor Well 6 | 0.224 | 0.02 |
| 97032506 | Monitor Well 12 | ND | 0.02 |
| 97032507 | Monitor Well 7 | 0.157 | 0.02 |
| 97032508 | Field Blank | ND | 0.02 |
| 970318-MB | Method Blank | 0.013 | 0.02 |

ND - Not detected

Dan Farah
Principal Analyst

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: March 7, 1997
Recv'd: February 28, 1997
Lab. No.: 600065
P.O. No.: 1790

Samples: Eight (8) water samples labelled as shown in the table below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 2/28/97
Date Extracted: 3/4/97
Date Analyzed: 3/6/97

**Milligrams per Liter**

| **Water Samples** | **Formaldehyde** | **Detection Limit** |
|---|---|---|
| Method Blank | 0.013 | 0.02 |
| 970325-01 | 0.067 | 0.02 |
| 970325-02 | Trace< 0.03 | 0.02 |
| 970325-03 | 0.149 | 0.02 |
| 970325-04 | 0.144 | 0.02 |
| 970325-05 | 0.224 | 0.02 |
| 970325-06 | ND | 0.02 |
| 970325-07 | 0.157 | 0.02 |
| 970325-08 | ND | 0.02 |
| Laboratory Control Spike | 0.257 | |
| Amount Spiked: | 0.233 | |
| Percent Recovered: | 110% | |

ND-Not detected.
TR-Trace above method background.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods

**CAPITO ANALYTICAL SERVICES**

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1095 Fax 644-9947

## CHAIN OF CUSTODY RECORD

**REPORT**
Company _____ Fax _____
Address _____
Phone _____ Contact _____

**BILL TO:**
Company Fugro-ENSR
Address _____
Phone 650-7000 Contact Michael Flack

P.O.# _____

PROJ. NO 9648 3411

PROJECT NAME DIAL- Closure Sampling

SAMPLERS: (Signature) [signature]

CONTAINER TYPES
A = AMBER B = BRASS G = GLASS
P = PLASTIC V = VOA VIAL O = OTHER

REMARKS 01 : 25

| SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | COMP | GRAB | SAMPLE DESCRIPTION | MATRIX: WATER | SOIL | SLUDGE | OTHER | CONTAINER # | CONTAINER TYPE | ANALYSIS: 8260-VOCs | 8015-Fuel Fingerprint | 425.1-MBAS | 350.2-Ammonia | 8315-Formaldehyde | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-3 | 2-26-97 | 1230 | | | Monitor Well 3 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| MW-13 | ↓ | 1310 | | | ↓ 13 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| MW-11 | ↓ | 1250 | | | ↓ 11 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| Duplicate | ↓ | — | | | Duplicate | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| MW-6 | ↓ | 1400 | | | Monitor Well 6 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| MW12 | ↓ | 1200 | | | 12 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| MW-7 | ↓ | 1345 | | | 7 | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| FB | ↓ | | | | Field Blank | ↓ | | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| TB | | | | | Travel Blank | ↓ | | | | | | ↓ | | | | | | | |

CHECK ONE BOX:
DISPOSE SAMPLES
RETURN SAMPLES

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Relinquished by: (Signature) | Date/Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 2/26/97 1645 | Gena Ditmore | | | |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time | | |
| | | | | | |

**TURN AROUND TIME**

| | | | |
|---|---|---|---|
| 24 Hr. | | 5 Day | ✓ |
| 48 Hr. | | Standard | |
| 72 Hr. | | Other | |

WHITE COPY _____ CANARY COPY _____ PINK COPY _____

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro - ENSR (9648-3411) March 4, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970325 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial - Closure Sampling Sample ID: See Below

## RESULTS

On February 26, 1997, nine (9) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 22 pages excluding the cover letter, and the Chain of Custody. The results of Formaldehyde testing will be fowarded as soon as they are received from Truesdail Laboratory.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| MW-3 | 97032501 |
| MW-13 | 97032502 |
| MW-11 | 97032503 |
| DUPLICATE | 97032504 |
| MW-6 | 97032505 |
| MW-12 | 97032506 |
| MW-7 | 97032507 |
| FB | 97032508 |
| TB | 97032509 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations


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CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970325
Date Received: 2/26/97
Date Analyzed: 2/28/97

Sample Matrix: Water
Date Sampled: 2/26/97
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97032501 | MW-3 | 0.17 | 1.00 | 0.1 |
| 97032502 | MW-13 | 4.2 | 2.00 | 0.2 |
| 97032503 | MW-11 | 0.20 | 1.00 | 0.1 |
| 97032504 | Duplicate | 3.8 | 1.00 | 0.1 |
| 97032505 | MW-6 | 1.7 | 1.00 | 0.1 |
| 97032506 | MW-12 | 0.50 | 1.00 | 0.1 |
| 97032507 | MW-7 | 0.14 | 1.00 | 0.1 |
| 970325-MB | Method Blank | BQL | 1.00 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970325
Date Received: 2/26/97

Sample Matrix: Water
Date Sampled: 2/26/97
Date Analyzed: 2/27/97
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97032501 | MW-3 | 2.4 | 4 | 0.4 |
| 97032502 | MW-13 | 2.8 | 4 | 0.4 |
| 97032503 | MW-11 | 2.3 | 4 | 0.4 |
| 97032504 | Duplicate | 4.8 | 10 | 1 |
| 97032505 | MW-6 | 5.6 | 10 | 1 |
| 97032506 | MW-12 | 2.2 | 4 | 0.4 |
| 97032507 | MW-7 | 13 | 20 | 2 |
| 970325-MB | Method Blank | BQL | 1 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.3

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970325 Date Received: 2/26/97
Matrix: Water

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/L | Dilution Factor | PQL mg/L | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97032501** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-3** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 109 |
| TPH - C23+) | BQL | | | |
| **CAS Lab #: 97032502** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-13** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 97 |
| TPH - C23+) | BQL | | | |
| **CAS Lab #: 97032503** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-11** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 82 |
| TPH - C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 54 - 105 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970325 Date Received: 2/26/97
Matrix: Water

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/L | Dilution Factor | PQL mg/L | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97032504** | | **Date Extracted: 2/28/97** | | |
| **Client ID: Duplicate** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 85 |
| TPH - C23+) | BQL | | | |
| **CAS Lab #: 97032505** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-6** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 94 |
| TPH - C23+) | BQL | | | |
| **CAS Lab #: 97032506** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-12** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 93 |
| TPH - C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 54 - 105 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

(N) Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970325 Date Received: 2/26/97
Matrix: Water

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/L | Dilution Factor | PQL mg/L | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97032507** | | **Date Extracted: 2/28/97** | | |
| **Client ID: MW-7** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | 0.55 | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 90 |
| TPH - C23+) | BQL | | | |
| **CAS Lab #: 970325-MB** | | **Date Extracted: 2/28/97** | | |
| **Client ID: Method Blank** | | **Date Analyzed: 2/28/97** | | |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 89 |
| TPH - C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 54 - 105 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: MW-3
CAS LAB NO: 97032501
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1230

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **1.3** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| **1,1-Dichloroethene** | **0.54** | **1** | **0.5** |
| **cis-1,2-Dichloroethene** | **3.8** | **1** | **0.5** |
| **trans-1,2-Dichloroethene** | **0.52** | **1** | **0.5** |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-3
CAS LAB NO: 97032501
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1230

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| **Trichloroethylene** | **3.4** | **1** | **1** |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 95 | 86-118% |
| Toluene-d8 | 100 | 88-110% |
| 4-Bromofluorobenzene | 99 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Arsan
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-6
CAS LAB NO: 97032505
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1400

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| **Benzene** | **1.8** | **1** | **0.5** |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **0.88** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| **cis-1,2-Dichloroethene** | **0.50** | **1** | **0.5** |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

(M) Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-6
CAS LAB NO: 97032505
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1400

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 88 | 86-118% |
| Toluene-d8 | 96 | 88-110% |
| 4-Bromofluorobenzene | 88 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Duplicate
CAS LAB NO: 97032504
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| **Benzene** | **2.8** | **1** | **0.5** |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| **Bromomethane** | **0.55** | **1** | **0.5** |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **0.91** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Duplicate
CAS LAB NO: 97032504
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 92 | 86-118% |
| Toluene-d8 | 97 | 88-110% |
| 4-Bromofluorobenzene | 88 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-7
CAS LAB NO: 97032507
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1345

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| **Benzene** | **0.68** | **1** | **0.5** |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| **Chloroform** | **1.7** | **1** | **0.5** |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **1.5** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-7
CAS LAB NO: 97032507
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1345

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| **Total Xylenes** | **2.4** | **1** | **2** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 90 | 86-118% |
| Toluene-d8 | 88 | 88-110% |
| 4-Bromofluorobenzene | 92 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: MW-11
CAS LAB NO: 97032503
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1250

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **0.68** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

(M) Arsani
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-11
CAS LAB NO: 97032503
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1250

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 86-118% |
| Toluene-d8 | 106 | 88-110% |
| 4-Bromofluorobenzene | 89 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-12
CAS LAB NO: 97032506
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1200

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **3.3** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| **1,1-Dichloroethene** | **6.1** | **1** | **0.5** |
| **cis-1,2-Dichloroethene** | **20** | **1** | **0.5** |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-12
CAS LAB NO: 97032506
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1200

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| **Trichloroethylene** | **16** | **1** | **1** |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 95 | 86-118% |
| Toluene-d8 | 102 | 88-110% |
| 4-Bromofluorobenzene | 95 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-13
CAS LAB NO: 97032502
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1310

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| **Benzene** | **0.67** | **1** | **0.5** |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| **1,1-Dichloroethane** | **3.3** | **1** | **0.5** |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-13
CAS LAB NO: 97032502
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled: 1310

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 86-118% |
| Toluene-d8 | 102 | 88-110% |
| 4-Bromofluorobenzene | 87 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(M) Ansari
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: FB
CAS LAB NO: 97032508
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| **Bromomethane** | **0.79** | **1** | **0.5** |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: FB
CAS LAB NO: 97032508
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 86-118% |
| Toluene-d8 | 102 | 88-110% |
| 4-Bromofluorobenzene | 90 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: TB
CAS LAB NO: 97032509
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| **1,2-Dichloropropane** | **0.81*** | **1** | **0.5** |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: TB
CAS LAB NO: 97032509
Date Received: 2/26/97
Date Sampled: 2/26/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A
Time Sampled:

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 94 | 86-118% |
| Toluene-d8 | 101 | 88-110% |
| 4-Bromofluorobenzene | 92 | 86-115% |

*Lab Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970325-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Liquid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970325-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Liquid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 102 | 86-118% |
| Toluene-d8 | 102 | 88-110% |
| 4-Bromofluorobenzene | 94 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**CAPCO ANALYTICAL SERVICES**

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1095 Fax 644-9947

## CHAIN OF CUSTODY RECORD

**REPORT**
Fax
Company
Address
Phone Contact

**BILL TO:** P.O.#
Company Fugro-ENSR
Address
Phone 650-7000 Contact Michael Flack

PROJ. NO 9648 3411
PROJECT NAME DIAL- Closure Sampling
SAMPLERS: (Signature) [signature]

CONTAINER TYPES
A = AMBER B = BRASS G = GLASS
P = PLASTIC V = VOA VIAL O = OTHER

REMARKS 25

| SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | COMP | GRAB | SAMPLE DESCRIPTION | MATRIX: WATER | SOIL | SLUDGE | OTHER | CONTAINER # | TYPE | ANALYSIS: 8260-VOCs | 8015-Fuel Fingerprint | 425.1-MBAS | 350.2-Ammonia | 8315-Formaldehyde | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-3 | 2-26-97 | 1230 | | | Monitor Well 3 | | | | | | | | | | | | | | |
| MW-13 | | 1310 | | | 13 | | | | | | | | | | | | | | |
| MW-11 | | 1250 | | | 11 | | | | | | | | | | | | | | |
| Duplicate | | — | | | Duplicate | | | | | | | | | | | | | | |
| MW-6 | | 1400 | | | Monitor Well 6 | | | | | | | | | | | | | | |
| MW12 | | 1200 | | | 12 | | | | | | | | | | | | | | |
| MW-7 | | 1345 | | | 7 | | | | | | | | | | | | | | |
| FB | | | | | Field Blank | | | | | | | | | | | | | | |
| TB | | | | | Travel Blank | | | | | | | | | | | | | | |

CHECK ONE BOX:
DISPOSE SAMPLES
RETURN SAMPLES

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Relinquished by: (Signature) | Date/Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 2/26/97 1645 | Gena Ditmore | | | |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time | | |
| | | | | | |

**TURN AROUND TIME**

| | | | |
|---|---|---|---|
| 24 Hr. | | 5 Day | ✓ |
| 48 Hr. | | Standard | |
| 72 Hr. | | Other | |

WHITE COPY CANARY COPY PINK COPY

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

## RESULTS

On February 26, 1997, twenty-eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 16 pages excluding the cover letter, and Chain of Custody. The results of the Formaldehyde will follow at a later date.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 5-5 | 97031801 |
| EB 5-10 | 97031802 |
| EB 6-5 | 97031803 |
| EB 6-10 | 97031804 |
| EB 7-5 | 97031805 |
| EB 7-10 | 97031806 |
| EB 13-5 | 97031807 |
| EB 13-10 | 97031808 |
| EB 13-15 | 97031809 |
| EB 13-20 | 97031810 |
| EB 13-25 | 97031811 |
| EB 13-30 | 97031812 |
| EB 13-35 | 97031813 |
| EB 13-40 | 97031814 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970318 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 16-5 | 97031815 |
| EB 16-10 | 97031816 |
| EB 16-15 | 97031817 |
| EB 16-20 | 97031818 |
| EB 17-5 | 97031819 |
| EB 17-10 | 97031820 |
| EB 17-15 | 97031821 |
| EB 17-20 | 97031822 |
| EB 18-5 | 97031823 |
| EB 18-10 | 97031824 |
| EB 18-15 | 97031825 |
| EB 18-20 | 97031826 |
| MW-1 | 97031827 |
| MW-2 | 97031828 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970318 Date Received: 2/26/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031801** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB5-5** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 81 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031802** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB5-10** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031803** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB6-5** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 82 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Ansari
Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970318 Date Received: 2/26/97
Matrix: Soil

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031804** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB6-10** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 95 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031805** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB7-5** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 150 | 5.0 | 50 | 94 |
| TPH - (C23+) | 430 | | | |
| **CAS Lab #: 97031806** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB7-10** | | **Date Analyzed:** | | **2/27/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 91 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970318 Date Received: 2/26/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031807** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-5** | | **Date Analyzed:** | | **2/27/97** |
| TPH - (C4 - C12) | 170 | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 550 | 5.0 | 50 | 59 |
| TPH - (C23+) | 160 | | | |
| **CAS Lab #: 97031808** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-10** | | **Date Analyzed:** | | **2/27/97** |
| TPH - (C4 - C12) | BQL | 20.0 | 10 | -- |
| TPH - (C13 - C22) | 1400 | 20.0 | 200 | 94 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031809** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-15** | | **Date Analyzed:** | | **2/27/97** |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 15 | 1.0 | 10 | 62 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970318 Date Received: 2/26/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031810** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-20** | | **Date Analyzed:** | | **3/ 3/97** |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 660 | 10.0 | 100 | 75 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031811** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-25** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | 1.8 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 110 | 2.0 | 20 | 89 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031812** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-30** | | **Date Analyzed:** | | **2/27/97** |
| TPH - (C4 - C12) | 1.8 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 36 | 2.0 | 20 | 75 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970318 Date Received: 2/26/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031813** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-35** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 100 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031814** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: EB13-40** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 69 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 970318-MB** | | **Date Extracted:** | | **2/26/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **2/26/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 99 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970318
Date Received: 2/26/97

Sample Matrix: Soil
Date Sampled: 2/25/97
Date Analyzed: 2/27/97
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3(as N)(mg/kg) | Dil Factor | PQL (mg/kg) |
|---|---|---|---|---|
| 97031815 | EB16-5 | BQL | 1 | 10 |
| 97031816 | EB16-10 | BQL | 1 | 10 |
| 97031819 | EB17-5 | BQL | 1 | 10 |
| 97031820 | EB17-10 | BQL | 1 | 10 |
| 97031823 | EB18-5 | BQL | 1 | 10 |
| 97031824 | EB18-10 | BQL | 1 | 10 |
| 970318-MB | Method Blank | BQL | 1 | 10 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.2M

Diane Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970318
Date Received: 2/26/97
Date Analyzed: 2/26/97

Sample Matrix: Soil
Date Sampled: 2/25/97
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1M**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/kg) | Dil Factor | PQL (mg/kg) |
|---|---|---|---|---|
| 97031815 | EB16-5 | 7.1 | 1.00 | 1 |
| 97031816 | EB16-10 | 5.6 | 1.00 | 1 |
| 97031819 | EB17-5 | BQL | 1.00 | 1 |
| 97031820 | EB17-10 | BQL | 1.00 | 1 |
| 97031823 | EB18-5 | 4.6 | 1.00 | 1 |
| 97031824 | EB18-10 | 5.7 | 1.00 | 1 |
| 970318-MB | Method Blank | BQL | 1.00 | 1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Khionsky
Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970318
Matrix: Water

Analyst: Nighat
Date Received: 2/26/97

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/L | Dilution Factor | PQL mg/L | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97031827** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: MW-1** | | **Date Analyzed:** | | **3/ 1/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 92 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97031828** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: MW-2** | | **Date Analyzed:** | | **3/ 1/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 87 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 970318-MB** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **3/ 1/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.05 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 0.50 | 83 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 54 - 105 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: MW-1
CAS LAB NO: 97031827
Date Received: 2/26/97
Date Sampled: 2/25/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-1
CAS LAB NO: 97031827
Date Received: 2/26/97
Date Sampled: 2/25/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 86-118% |
| Toluene-d8 | 103 | 88-110% |
| 4-Bromofluorobenzene | 91 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: MW-2
CAS LAB NO: 97031828
Date Received: 2/26/97
Date Sampled: 2/25/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-2
CAS LAB NO: 97031828
Date Received: 2/26/97
Date Sampled: 2/25/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Water
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 102 | 86-118% |
| Toluene-d8 | 105 | 88-110% |
| 4-Bromofluorobenzene | 87 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Arsan
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970318-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Liquid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Benzene | BQL | 1 | 0.5 |
| Bromobenzene | BQL | 1 | 0.5 |
| Bromochloromethane | BQL | 1 | 0.5 |
| Bromodichloromethane | BQL | 1 | 1 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 0.5 |
| N-Butylbenzene | BQL | 1 | 0.5 |
| sec-Butylbenzene | BQL | 1 | 0.5 |
| tert-Butylbenzene | BQL | 1 | 0.5 |
| Carbon tetrachloride | BQL | 1 | 0.5 |
| Chlorobenzene | BQL | 1 | 1 |
| Chloroethane | BQL | 1 | 1 |
| Chloroform | BQL | 1 | 0.5 |
| Chloromethane | BQL | 1 | 0.5 |
| 2-Chlorotoluene | BQL | 1 | 0.5 |
| 4-Chlorotoluene | BQL | 1 | 0.5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 5 |
| 1,2-Dibromoethane (EDB) | BQL | 1 | 0.5 |
| Dibromomethane | BQL | 1 | 0.5 |
| 1,2-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,3-Dichlorobenzene | BQL | 1 | 0.5 |
| 1,4-Dichorobenzene | BQL | 1 | 1 |
| Dichlorodifluoromethane | BQL | 1 | 0.5 |
| 1,1-Dichloroethane | BQL | 1 | 0.5 |
| 1,2-Dichloroethane (EDC) | BQL | 1 | 1 |
| 1,1-Dichloroethene | BQL | 1 | 0.5 |
| cis-1,2-Dichloroethene | BQL | 1 | 0.5 |
| trans-1,2-Dichloroethene | BQL | 1 | 0.5 |
| 1,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,3-Dichloropropane | BQL | 1 | 1 |
| 2,2-Dichloropropane | BQL | 1 | 0.5 |
| 1,1-Dichloropropene | BQL | 1 | 0.5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970318-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Liquid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/L | Dilution Factor | PQL ug/L |
|---|---|---|---|
| Ethylbenzene | BQL | 1 | 1 |
| Hexachlorobutadiene | BQL | 1 | 0.5 |
| Isopropylbenzene | BQL | 1 | 0.5 |
| p-Isopropyltoluene | BQL | 1 | 0.5 |
| Methylene Chloride | BQL | 1 | 1 |
| Naphthalene | BQL | 1 | 1 |
| N-Propylbenzene | BQL | 1 | 0.5 |
| Styrene | BQL | 1 | 0.5 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 0.5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 1 |
| Tetrachloroethene | BQL | 1 | 0.5 |
| Toluene | BQL | 1 | 1 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 1 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 0.5 |
| 1,1,1-Trichloroethane | BQL | 1 | 0.5 |
| 1,1,2-Trichloroethane | BQL | 1 | 1 |
| Trichloroethylene | BQL | 1 | 1 |
| Trichloroflouromethane | BQL | 1 | 0.5 |
| 1,2,3-Trichloropropane | BQL | 1 | 5 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 0.5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 0.5 |
| Vinyl Chloride | BQL | 1 | 0.5 |
| Total Xylenes | BQL | 1 | 2 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 86-118% |
| Toluene-d8 | 103 | 88-110% |
| 4-Bromofluorobenzene | 91 | 86-115% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970318
Date Received: 2/26/97

Sample Matrix: Water
Date Sampled: 2/25/97
Date Analyzed: 2/27/97
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS NH3 as N(mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97031827 | MW-1 | 1.2 | 2 | 0.2 |
| 97031828 | MW-2 | 1.8 | 4 | 0.4 |
| 970318-MB | Method Blank | BQL | 1 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.3

Diane Kliowsky
Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970318
Date Received: 2/26/97
Date Analyzed: 2/26/97

Sample Matrix: Liquid
Date Sampled: 2/25/97
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/L) | Dil Factor | PQL (mg/L) |
|---|---|---|---|---|
| 97031827 | MW-1 | 0.14 | 1.00 | 0.1 |
| 97031828 | MW-2 | 22 | 2.00 | 0.2 |
| 970318-MB | Method Blank | BQL | 1.00 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diana Klionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analystical Services, Inc. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA 93003**
**(805) 984-2416**

---

Client: Fugro (9648-3411) CAS LAB NO: 970318
Date Analyzed: 03/10/97
Analysis by Truesdail Laboratories, Inc.

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**FORMALDEHYDE EPA Method 8315**

Milligrams per Kilograms

| CAS Lab No | SAMPLE ID | Formaldehyde | Detection Limit |
|---|---|---|---|
| 97031815 | EB 16-5 | 10.1 | 2 |
| 97031816 | EB 16-10 | ND | 2 |
| 97031817 | EB 16-15 | ND | 2 |
| 97031818 | EB 16-20 | 3.0 | 2 |
| 37031819 | EB 17-5 | ND | 2 |
| 97031820 | EB 17-10 | ND | 2 |
| 97031821 | EB 17-15 | 12.3 | 2 |
| 97031822 | EB 17-20 | 2.6 | 2 |
| 37031823 | EB 18-5 | 6.1 | 2 |
| 97031824 | EB 18-10 | 5.5 | 2 |
| 97031825 | EB 18-15 | 7.6 | 2 |
| 97031826 | EB 18-20 | 3.7 | 2 |
| 970318-MB | Method Blank | ND | 2 |

ND - Not detected

| | |
|---|---|
| LCS | 21.1 |
| Amount Spiked: | 18.9 |
| Percent Recovered: | 111.64% |

Principal Analyst

CAPCO Analytical Services, Inc.

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

8

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 848-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB5-5 | Drill Hole EB 5 5 Ft | 2-25-97 | | 3 | 2 | S | A | B |
| 2 | EB5-10 | 10 Ft | | | | | | | |
| 3 | EB6-5 | Drill Hole EB 6 5 Ft | | | | | | | |
| 4 | EB6-10 | 10 Ft | | | | | | | |
| 5 | EB7-5 | Drill Hole EB 7 5 Ft | | | | | | | |
| 6 | EB7-10 | 10 Ft | | | | | | | |
| 7 | EB13-5 | Drill Hole EB 13 5 Ft | | | | | | | |
| 8 | EB13-10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | 8015- Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1-MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2- Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 8315- Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |
| METHOD OF SHIPMENT: | TURNAROUND TIME: 5 Day | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days | |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

8

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-25-97 | FM JOB No.: 9648-3411 |
| CLIENT: DTSC | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flint | SAMPLER (Signature): | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB13.15 | Drill Hole EB13 15 Ft | 2-25-97 | | 3 | 2 | S | A | B |
| 10 | EB13.20 | 20 Ft | | | | | | | |
| 11 | EB13.25 | 25 Ft | | | | | | | |
| 12 | EB13.30 | 30 Ft | | | | | | | |
| 13 | EB13.35 | 35 Ft | | | | | | | |
| 14 | EB13.40 | 40 Ft | | | | | | | |
| 15 | EB16.5 | Drill Hole EB16 5 Ft | | | | | | | C D E |
| 16 | EB16.10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260 VOCs |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B | 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 425.1 MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2 Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | 8315 Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Dittmar CAS | DATE: 2/26/97 | TIME: 0935 |

| | | |
|---|---|---|
| METHOD OF SHIPMENT: | TURNAROUND TIME: 5 day | SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days |

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM JOB No.: 7698-3411 |
| CLIENT: DHL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flak | SAMPLER (Signature): | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | EB16-15 | Drill Hole EB16 15 Ft | 2-26-97 | | 3 | 2 | S | A | E |
| 18 | EB16-20 | 20 Ft | | | | | | | |
| 19 | EB17-5 | Drill Hole EB17 5 Ft | | | | | | | C D E |
| 20 | EB17-10 | 10 Ft | | | | | | | |
| 21 | EB17-15 | 15 Ft | | | | | | | |
| 22 | EB17-20 | 20 Ft | | | | | | | |
| 23 | EB18-5 | Drill Hole EB18 5 Ft | | | | | | | C D E |
| 24 | EB18-10 | 10 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2 ½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1 ½-inch diameter by 4 inches long | S | Solid | B | 8015-Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 8251-HCAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 350.2-Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E | 8315-Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Lena Dionne CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form Vta.(7/93)

# CHAIN OF CUSTODY RECORD

8 -

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-26-97 | FM JOB No.: 9648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flook | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | EB18-15 | Drill Hole EB18 15 Ft | 2-25-97 | | 3 | 2 | S | A | E |
| 26 | EB18-20 | ↓ 20 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 27 | MW-1 | Monitor Well MW-1 | ↓ | 1530 | 4,7,9 | 4 | W | ↓ | A B C D E |
| 28 | MW-2 | Monitor Well MW-2 | ↓ | 1600 | ↓↓↓ | ↓ | ↓ | ↓ | ↓↓↓↓↓ |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B 8015-Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C 425.1-MBAS |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D 350.2 Ammonia |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E 8315-Formaldehyde |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gina Ditmore CAS | DATE: 2/26/97 | TIME: 0935 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.DF17C\custody 712

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970317 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

On February 26, 1997, twenty-seven (27) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 62 pages excluding the cover letter, and Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 9-5 | 97031701 |
| EB 9-10 | 97031702 |
| EB 9-15 | 97031703 |
| EB 9-20 | 97031704 |
| EB 9-25 | 97031705 |
| EB 9-30 | 97031706 |
| EB 9-35 | 97031707 |
| EB 9-40 | 97031708 |
| EB 9-45 | 97031709 |
| EB 10-5 | 97031710 |
| EB 10-10 | 97031711 |
| EB 10-15 | 97031712 |
| EB 10-20 | 97031713 |
| EB 10-25 | 97031714 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970317 Job No: B01295
Date Received: 26-FEB-97 Sampled By: Client
Project: Dial Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB 10-30 | 97031715 |
| EB 10-35 | 97031716 |
| EB 10-40 | 97031717 |
| EB 10-45 | 97031718 |
| EB 11-5 | 97031719 |
| EB 11-10 | 97031720 |
| EB 11-15 | 97031721 |
| EB 11-20 | 97031722 |
| EB 11-25 | 97031723 |
| EB 11-30 | 97031724 |
| EB 11-35 | 97031725 |
| EB 11-40 | 97031726 |
| EB 11-45 | 97031727 |

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB9-5
CAS LAB NO: 97031701
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **170** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB9-5
CAS LAB NO: 97031701
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 110 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 97 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Date Analyzed: 2/26/97 & 2/27/97

Sample ID: EB9-10
Analyst: NHA
CAS LAB NO: 97031702
Sample Matrix: Soil
Date Received: 2/26/97
Date Extracted: N/A
Date Sampled: 2/24/97

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **640** | **10** | **100** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Carson
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)

Date Analyzed: 2/26/97 & 2/27/97

Sample ID: EB9-10

Analyst: NHA

CAS LAB NO: 97031702

Sample Matrix: Soil

Date Received: 2/26/97

Date Extracted: N/A

Date Sampled: 2/24/97

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 101 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 101 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB9-15
CAS LAB NO: 97031703
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **290** | **5** | **50** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB9-15
CAS LAB NO: 97031703
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 81 | 80-120% |
| Toluene-d8 | 107 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Date Analyzed: 2/26/97 & 2/27/97

Sample ID: EB9-20
Analyst: NHA
CAS LAB NO: 97031704
Sample Matrix: Soil
Date Received: 2/26/97
Date Extracted: N/A
Date Sampled: 2/24/97

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **460** | **5** | **50** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)

Sample ID: EB9-20
CAS LAB NO: 97031704
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97 & 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 93 | 80-120% |
| Toluene-d8 | 105 | 81-117% |
| 4-Bromofluorobenzene | 106 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Date Analyzed: 2/26/97 & 2/27/97

Sample ID: EB9-25
Analyst: NHA
CAS LAB NO: 97031705
Sample Matrix: Soil
Date Received: 2/26/97
Date Extracted: N/A
Date Sampled: 2/24/97

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **200** | **5** | **50** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)

Sample ID: EB9-25
CAS LAB NO: 97031705
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97 & 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 117 | 80-120% |
| Toluene-d8 | 98 | 81-117% |
| 4-Bromofluorobenzene | 95 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB9-30
CAS LAB NO: 97031706
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: EB9-30
CAS LAB NO: 97031706
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 102 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 101 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB9-35
CAS LAB NO: 97031707
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Anson
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB9-35
CAS LAB NO: 97031707
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 98 | 81-117% |
| 4-Bromofluorobenzene | 97 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB9-40
CAS LAB NO: 97031708
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: EB9-40
CAS LAB NO: 97031708
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 116 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 98 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB9-45
CAS LAB NO: 97031709
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **12** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB9-45
CAS LAB NO: 97031709
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| **Toluene** | **5.1** | **1** | **5** |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 107 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 94 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB10-5
CAS LAB NO: 97031710
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **100** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-5
CAS LAB NO: 97031710
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 119 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB10-10
CAS LAB NO: 97031711
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **150** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-10
CAS LAB NO: 97031711
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 101 | 80-120% |
| Toluene-d8 | 109 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB10-15
CAS LAB NO: 97031712
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **99** | **5** | **50** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-15
CAS LAB NO: 97031712
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 89 | 80-120% |
| Toluene-d8 | 104 | 81-117% |
| 4-Bromofluorobenzene | 118 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB10-20
CAS LAB NO: 97031713
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **22** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: EB10-20
CAS LAB NO: 97031713
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 105 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB10-25
CAS LAB NO: 97031714
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-25
CAS LAB NO: 97031714
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 106 | 81-117% |
| 4-Bromofluorobenzene | 118 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB10-30
CAS LAB NO: 97031715
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-30
CAS LAB NO: 97031715
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 108 | 80-120% |
| Toluene-d8 | 106 | 81-117% |
| 4-Bromofluorobenzene | 119 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB10-35
CAS LAB NO: 97031716
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: EB10-35
CAS LAB NO: 97031716
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 91 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 103 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(M) Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB10-40
CAS LAB NO: 97031717
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

H. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-40
CAS LAB NO: 97031717
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 86 | 80-120% |
| Toluene-d8 | 103 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(N) Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB10-45
CAS LAB NO: 97031718
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **31** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

(N). Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB10-45
CAS LAB NO: 97031718
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **3.2** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 115 | 80-120% |
| Toluene-d8 | 98 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB11-5
CAS LAB NO: 97031719
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-5
CAS LAB NO: 97031719
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 82 | 80-120% |
| Toluene-d8 | 110 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB11-10
CAS LAB NO: 97031720
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **62** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-10
CAS LAB NO: 97031720
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 112 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 102 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB11-15
CAS LAB NO: 97031721
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **66** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-15
CAS LAB NO: 97031721
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 107 | 80-120% |
| Toluene-d8 | 110 | 81-117% |
| 4-Bromofluorobenzene | 118 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB11-20
CAS LAB NO: 97031722
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **91** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-20
CAS LAB NO: 97031722
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 106 | 80-120% |
| Toluene-d8 | 99 | 81-117% |
| 4-Bromofluorobenzene | 102 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB11-25
CAS LAB NO: 97031723
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **26** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-25
CAS LAB NO: 97031723
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 108 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB11-30
CAS LAB NO: 97031724
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

(N) Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-30
CAS LAB NO: 97031724
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB11-35
CAS LAB NO: 97031725
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-35
CAS LAB NO: 97031725
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 102 | 80-120% |
| Toluene-d8 | 109 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB11-40
CAS LAB NO: 97031726
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-40
CAS LAB NO: 97031726
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 120 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 110 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB11-45
CAS LAB NO: 97031727
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB11-45
CAS LAB NO: 97031727
Date Received: 2/26/97
Date Sampled: 2/24/97

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 116 | 80-120% |
| Toluene-d8 | 110 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(N) Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 80-120% |
| Toluene-d8 | 107 | 81-117% |
| 4-Bromofluorobenzene | 101 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/26/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 89 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 116 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 99 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 112 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix:

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970317-MB
Date Extracted: N/A

Date Analyzed: 2/28/97
Analyst: NHA
Sample Matrix:

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

W. Ansari
Principal Analyst

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9648.3411 |
| CLIENT: DHL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB9-5 | Drill Hole EB-9 5 Ft | 2-24-97 | | 3 | 2 | S | A | A |
| 2 | EB9-10 | 10 Ft | | | | | | | |
| 3 | EB9-15 | 15 Ft | | | | | | | |
| 4 | EB9-20 | 20 Ft | | | | | | | |
| 5 | EB9-25 | 25 Ft | | | | | | | |
| 6 | EB9-30 | 30 Ft | | | | | | | |
| 7 | EB9-35 | 35 Ft | | | | | | | |
| 8 | EB9-40 | 40 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by ~~4~~ 6 inches long | S | Solid | B |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0920 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB9.45 | Drill Hole EB-9 45 Ft | 2-24-97 | | 3 | 2 | S | A | A |
| 10 | EB10.5 | Drill Hole EB-10 5 Ft | | | | | | | |
| 11 | EB10.10 | 10 Ft | | | | | | | |
| 12 | EB10.15 | 15 Ft | | | | | | | |
| 13 | EB10.20 | 20 Ft | | | | | | | |
| 14 | EB10.25 | 25 Ft | | | | | | | |
| 15 | EB10.30 | 30 Ft | | | | | | | |
| 16 | EB10.35 | 35 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0920 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

Form: Vta.(7/93)

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# CHAIN OF CUSTODY RECORD

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9648-3411 |
| CLIENT: DIAL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | EB10-40 | Drill Hole EB10 40 Ft | 2-24-97 | | 3 | 2 | S | A | A |
| 18 | EB10-45 | 45 Ft | | | | | | | |
| 19 | EB11-5 | Drill Hole EB11 5 Ft | | | | | | | |
| 20 | EB11-10 | 10 Ft | | | | | | | |
| 21 | EB11-15 | 15 Ft | | | | | | | |
| 22 | EB11-20 | 20 Ft | | | | | | | |
| 23 | EB11-25 | 25 Ft | | | | | | | |
| 24 | EB11-30 | 30 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/26/97 | TIME: 0920 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

07 317

FUGRO

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: VENTURA | DATE: 2-26-97 | FM JOB No.: 9648-3411 |
| CLIENT: DHL | PROJECT: Closure Sampling | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | EB11-35 | Drill Hole EB-11 35 Feet | 2-24-97 | | 3 | 2 | S | A | A |
| 26 | EB11-40 | 40 Ft | | | | | | | |
| 27 | EB11-45 | 45 Ft | | | | | | | |
| | | END | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260-VOCs |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | **PRESERVATION METHOD** | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Dunne CAS | DATE: 3/6/97 | TIME: 0920 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 Day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93_0F17Custody 713

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) March 5, 1997
5855 Olivas Park Drive
Ventura, CA 93003-7672

**ATTENTION:** Michael Flack

Laboratory No: 970336 Job No: B01295
Date Received: 27-FEB-97 Sampled By: Client
Project: Dial 9648-3411 Sample ID: See Below

## RESULTS

On February 27, 1997, three (3) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 12 pages excluding the cover letter, and Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| MW-11 | 97033601 |
| MW-12 | 97033602 |
| MW-13 | 97033603 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970336 Date Received: 2/27/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97033601** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: MW-11** | | **Date Analyzed:** | | **2/28/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 94 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97033602** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: MW-12** | | **Date Analyzed:** | | **2/28/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97033603** | | **Date Extracted:** | | **2/28/97** |
| **Client ID: MW-13** | | **Date Analyzed:** | | **2/28/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 94 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970336 Date Received: 2/27/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|---|
| **CAS Lab #: 970336-MB** | | | **Date Extracted:** | | **2/28/97** |
| **Client ID: Method Blank** | | | **Date Analyzed:** | | **2/28/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-11
CAS LAB NO: 97033601
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-11
CAS LAB NO: 97033601
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 103 | 81-117% |
| 4-Bromofluorobenzene | 108 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: MW-12
CAS LAB NO: 97033602
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/27/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-12
CAS LAB NO: 97033602
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/27/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 101 | 80-120% |
| Toluene-d8 | 92 | 81-117% |
| 4-Bromofluorobenzene | 113 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: MW-13
CAS LAB NO: 97033603
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: MW-13
CAS LAB NO: 97033603
Date Received: 2/27/97
Date Sampled: 2/27/97

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 108 | 80-120% |
| Toluene-d8 | 93 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M. Arsai
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970336-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: JAC
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970336-MB
Date Extracted: N/A

Date Analyzed: 2/27/97
Analyst: JAC
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 99 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 112 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro(9648-3414)
Sample ID: Method Blank
CAS LAB NO: 970336-MB
Date Extracted: N/A

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix:

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro(9648-3414)
Sample ID: Method Blank
CAS LAB NO: 970336-MB
Date Extracted: N/A

Date Analyzed: 2/28/97
Analyst: JAC
Sample Matrix:

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

# CAPCO ANALYTICAL SERVICES

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1095 Fax 644-9947

## CHAIN OF CUSTODY RECORD

**REPORT**
Fax
Company
Address
Phone Contact

**BILL TO:** P.O.#
Company Fugro
Address
Phone Contact Michael Plank

PROJ. NO 9648-344
PROJECT NAME Dial
SAMPLERS: (Signature)

**CONTAINER TYPES**
A = AMBER B = BRASS G = GLASS
P = PLASTIC V = VOA VIAL O = OTHER

| SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | COMP | GRAB | SAMPLE DESCRIPTION | MATRIX: WATER | SOIL | SLUDGE | OTHER | CONTAINER # | TYPE | ANALYSIS: 8260-VOCs | 8015-Fuel Fingerprint | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11 | 2-27-99 | | V | | Monitor Well 11 Stockpile | | V | | | | | ↓ | ↓ | |
| MW-12 | ↓ | | V | | 12 | | V | | | | | | | |
| MW-13 | ↓ | | V | | 13 | | V | | | | | | | |

**CHECK ONE BOX:**
DISPOSE SAMPLES
RETURN SAMPLES

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Relinquished by (Signature) | Date/Time | Received by: (Signature) |
|---|---|---|---|---|---|
| | 2/27/99 1630 | CAS Gena Ditmore | | | |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time | | |
| | | | | | |

**TURN AROUND TIME**

| | | | |
|---|---|---|---|
| 24 Hr. | | 5 Day | ✓ |
| 48 Hr. | | Standard | |
| 72 Hr. | | Other | |

WHITE COPY CANARY COPY PINK COPY

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) February 21, 1997
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 970261 Job No: B01295
Date Received: 13-FEB-97 Sampled By: Client
Project: Dial Southgate 9648-3411 Sample ID: See Below

## RESULTS

On February 13, 1997, thirty-six (26) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 98 pages excluding the cover letter, and the Chain of Custody.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| CB-2/5/5.0 | 97026101 |
| CB-2/10/10.0 | 97026102 |
| CB-2/15/15.0 | 97026103 |
| CB-2/20/20.0 | 97026104 |
| CB-2/25/25.0 | 97026105 |
| CB-2/30/30.0 | 97026106 |
| CB-2/35/35.0 | 97026107 |
| CB-2/40/40.0 | 97026108 |
| CB-2/45/45.0 | 97026109 |
| CB-1/5/5.0 | 97026110 |
| CB-1/10/10.0 | 97026111 |
| CB-1/15/15/0 | 97026112 |
| CB-1/20/20.0 | 97026113 |
| CB-1/25/25.0 | 97026114 |
| CB-1/30/30.0 | 97026115 |
| CB-1/35/35.0 | 97026116 |
| CB-1/40/40.0 | 97026117 |
| CB-1/45/45.0 | 97026118 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) February 21, 1997
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 970261 Job No: B01295
Date Received: 13-FEB-97 Sampled By: Client
Project: Dial Southgate 9648-3411 Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| CB-3/5/5.0 | 97026119 |
| CB-3/10/10.0 | 97026120 |
| CB-3/15/15.0 | 97026121 |
| CB-3/20/20.0 | 97026122 |
| CB-3/25/25.0 | 97026123 |
| CB-3/30/30.0 | 97026124 |
| CB-3/35/35.0 | 97026125 |
| CB-3/40.40.0 | 97026126 |
| CB-3/45/45.0 | 97026127 |
| EB-1/5/5.0 | 97026128 |
| EB-1/10/10.0 | 97026129 |
| EB-1/15/15.0 | 97026130 |
| EB-1/20/20.0 | 97026131 |
| EB-1/25/25.0 | 97026132 |
| EB-1/30/30.0 | 97026133 |
| EB-1/35/35.0 | 97026134 |
| EB-1/40/40 | 97026135 |
| EB-1/45/45 | 97026136 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026101** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/5/5.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 0.56 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 98 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026102** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/10/10.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026103** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/15/15.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 0.82 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 88 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Ansari
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026104** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/20/20.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 6.7 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026105** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/25/25.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 2.0 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026106** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/30/30.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 1.5 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

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**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026107** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/35/35.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 82 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026108** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/40/40.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 100 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026109** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-2/45/45.0** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | 0.74 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 80 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026110** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-1/5/5.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026111** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-1/10/10.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 81 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026112** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-1/15/15.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 79 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

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Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

## TOTAL PETROLEUM HYDROCARBONS
## EPA METHOD 8015m

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026113** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-1/20/20.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026114** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-1/25/25.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 95 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026115** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-1/30/30.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

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Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026116** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-1/35/35.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026117** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-1/40/40.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 79 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026118** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-1/45/45.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

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**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|---|
| **CAS Lab #: 97026119** | | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/5/5.0** | | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 82 |
| TPH - (C23+) | | BQL | | | |
| **CAS Lab #: 97026120** | | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/10/10.0** | | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | | BQL | | | |
| **CAS Lab #: 97026121** | | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/15/15.0** | | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 78 |
| TPH - (C23+) | | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Arsani
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026122** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/20/20.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | 4200 | 1000.0 | 500 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 100 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026123** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/25/25.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | 210 | 100.0 | 50 | -- |
| TPH - (C13 - C22) | BQL | 20.0 | 200 | 139* |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026124** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: CB-3/30/30.0** | | **Date Analyzed:** | | **2/15/97** |
| TPH - (C4 - C12) | 15 | 20.0 | 10 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | BQL | | | |

* High recovery due to high concentration of TPH in the sample.
Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026125** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-3/35/35.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | 0.58 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 92 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026126** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-3/40/40.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | 1.8 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 85 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026127** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: CB-3/45/45.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | 2.0 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

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**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026128** | | **Date Extracted:** | | **2/19/97** |
| **Client ID: EB-1/5/5.0** | | **Date Analyzed:** | | **2/19/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 200 | 10.0 | 100 | 86 |
| TPH - (C23+) | 1500 | | | |
| **CAS Lab #: 97026129** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/10/10.0** | | **Date Analyzed:** | | **2/18/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 13 | 1.0 | 10 | 77 |
| TPH - (C23+) | 21 | | | |
| **CAS Lab #: 97026130** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/15/15.0** | | **Date Analyzed:** | | **2/20/97** |
| TPH - (C4 - C12) | 3.3 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 69 | 3.0 | 30 | 85 |
| TPH - (C23+) | 99 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97026131** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/20/20.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 20.0 | 10 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 86 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026132** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/25/25.0** | | **Date Analyzed:** | | **2/18/97** |
| TPH - (C4 - C12) | BQL | 20.0 | 10 | -- |
| TPH - (C13 - C22) | 20 | 1.0 | 10 | 71 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97026133** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/30/30.0** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|---|
| **CAS Lab #: 97026134** | | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/35/35.0** | | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | | BQL | | | |
| **CAS Lab #: 97026135** | | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/40/40.0** | | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 83 |
| TPH - (C23+) | | BQL | | | |
| **CAS Lab #: 97026136** | | | **Date Extracted:** | | **2/17/97** |
| **Client ID: EB-1/45/45.0** | | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

(N) Anson
Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 970261-MB** | | **Date Extracted:** | | **2/14/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **2/14/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 970261-MB** | | **Date Extracted:** | | **2/17/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **2/17/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 88 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970261 Date Received: 2/13/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 970261-MB** | | **Date Extracted:** | | **2/19/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **2/19/97** |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 99 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-2/5/5.0
CAS LAB NO: 97026101
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0800

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abac
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/5/5.0
CAS LAB NO: 97026101
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0800

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 99 | 80-120% |
| Toluene-d8 | 89 | 81-117% |
| 4-Bromofluorobenzene | 106 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/10/10.0
CAS LAB NO: 97026102
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0810

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abu
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/10/10.0
CAS LAB NO: 97026102
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0810

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 106 | 80-120% |
| Toluene-d8 | 117 | 81-117% |
| 4-Bromofluorobenzene | 99 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Aban
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/15/15.0
CAS LAB NO: 97026103
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0818

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/15/15.0
CAS LAB NO: 97026103
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0818

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 110 | 80-120% |
| Toluene-d8 | 93 | 81-117% |
| 4-Bromofluorobenzene | 102 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abca
Principal Analyst

CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-2/20/20.0
CAS LAB NO: 97026104
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0822

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **68** | **4** | **20** |
| Bromobenzene | BQL | 4 | 20 |
| Bromochloromethane | BQL | 4 | 20 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 4 | 20 |
| Bromomethane | BQL | 4 | 20 |
| **N-Butylbenzene** | **280** | **4** | **20** |
| sec-Butylbenzene | BQL | 4 | 20 |
| tert-Butylbenzene | BQL | 4 | 20 |
| Carbon Tetrachloride | BQL | 4 | 20 |
| Chlorobenzene | BQL | 4 | 20 |
| Chloroethane | BQL | 4 | 20 |
| Chloroform | BQL | 4 | 20 |
| Chloromethane | BQL | 4 | 20 |
| 2-Chlorotoluene | BQL | 4 | 20 |
| 4-Chlorotoluene | BQL | 4 | 20 |
| Chlorodibromomethane | BQL | 4 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 4 | 20 |
| 1,2-Dibromoethane | BQL | 4 | 20 |
| Dibromomethane | BQL | 4 | 20 |
| 1,2-Dichlorobenzene | BQL | 4 | 20 |
| 1,3-Dichlorobenzene | BQL | 4 | 20 |
| 1,4-Dichlorobenzene | BQL | 4 | 20 |
| Dichlorodifluoromethane | BQL | 4 | 20 |
| 1,1-Dichloroethane | BQL | 4 | 20 |
| 1,2-Dichloroethane | BQL | 4 | 20 |
| 1,1-Dichloroethene | BQL | 4 | 20 |
| cis-1,2-Dichloroethene | BQL | 4 | 20 |
| trans-1,2-Dichloroethene | BQL | 4 | 20 |
| 1,2-Dichloropropane | BQL | 4 | 20 |
| 1,3-Dichloropropane | BQL | 4 | 20 |
| 2,2-Dichloropropane | BQL | 4 | 20 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/20/20.0
CAS LAB NO: 97026104
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0822

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 4 | 20 |
| **Ethylbenzene** | **550** | **4** | **20** |
| Hexachlorobutadiene | BQL | 4 | 20 |
| **Isopropylbenzene** | **220** | **4** | **20** |
| **p-Isopropyltoluene** | **330** | **4** | **20** |
| Methylene Chloride | BQL | 4 | 20 |
| **Naphthalene** | **830** | **4** | **20** |
| **N-Propylbenzene** | **410** | **4** | **20** |
| Styrene | BQL | 4 | 20 |
| 1,1,1,2-Tetrachloroethane | BQL | 4 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 4 | 20 |
| Tetrachloroethene | BQL | 4 | 20 |
| **Toluene** | **600** | **5** | **20** |
| 1,2,3-Trichlorobenzene | BQL | 4 | 20 |
| 1,2,4-Trichlorobenzene | BQL | 4 | 20 |
| 1,1,1-Trichloroethane | BQL | 4 | 20 |
| 1,1,2-Trichloroethane | BQL | 4 | 20 |
| Trichloroethylene | BQL | 4 | 20 |
| Trichlorofluoromethane | BQL | 4 | 20 |
| 1,2,3-Trichloropropane | BQL | 4 | 20 |
| **1,2,4-Trimethylbenzene** | **730** | **5** | **20** |
| 1,3,5-Trimethylbenzene | BQL | 4 | 20 |
| Vinyl Chloride | BQL | 4 | 20 |
| **total Xylenes** | **1200** | **5** | **20** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 107 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 99 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-2/25/25.0
CAS LAB NO: 97026105
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0831

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5 | 20 |
| Bromobenzene | BQL | 5 | 50 |
| Bromochloromethane | BQL | 5 | 50 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 5 | 50 |
| Bromomethane | BQL | 5 | 20 |
| N-Butylbenzene | BQL | 5 | 20 |
| sec-Butylbenzene | BQL | 5 | 20 |
| tert-Butylbenzene | BQL | 5 | 20 |
| Carbon Tetrachloride | BQL | 5 | 10 |
| Chlorobenzene | BQL | 5 | 20 |
| Chloroethane | BQL | 5 | 20 |
| Chloroform | BQL | 5 | 50 |
| Chloromethane | BQL | 5 | 20 |
| 2-Chlorotoluene | BQL | 5 | 20 |
| 4-Chlorotoluene | BQL | 5 | 20 |
| Chlorodibromomethane | BQL | 5 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 5 | 200 |
| 1,2-Dibromoethane | BQL | 5 | 50 |
| Dibromomethane | BQL | 5 | 20 |
| 1,2-Dichlorobenzene | BQL | 5 | 50 |
| 1,3-Dichlorobenzene | BQL | 5 | 20 |
| 1,4-Dichlorobenzene | BQL | 5 | 20 |
| Dichlorodifluoromethane | BQL | 5 | 10 |
| 1,1-Dichloroethane | BQL | 5 | 20 |
| 1,2-Dichloroethane | BQL | 5 | 20 |
| 1,1-Dichloroethene | BQL | 5 | 20 |
| cis-1,2-Dichloroethene | BQL | 5 | 20 |
| trans-1,2-Dichloroethene | BQL | 5 | 20 |
| 1,2-Dichloropropane | BQL | 5 | 20 |
| 1,3-Dichloropropane | BQL | 5 | 20 |
| 2,2-Dichloropropane | BQL | 5 | 20 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/25/25.0
CAS LAB NO: 97026105
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0831

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5 | 10 |
| Ethylbenzene | BQL | 5 | 20 |
| Hexachlorobutadiene | BQL | 5 | 50 |
| Isopropylbenzene | BQL | 5 | 20 |
| p-Isopropyltoluene | BQL | 5 | 20 |
| Methylene Chloride | BQL | 5 | 50 |
| Naphthalene | BQL | 5 | 100 |
| N-Propylbenzene | BQL | 5 | 20 |
| Styrene | BQL | 5 | 50 |
| 1,1,1,2-Tetrachloroethane | BQL | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 5 | 50 |
| Tetrachloroethene | BQL | 5 | 20 |
| **Toluene** | **30** | **5** | **20** |
| 1,2,3-Trichlorobenzene | BQL | 5 | 50 |
| 1,2,4-Trichlorobenzene | BQL | 5 | 50 |
| 1,1,1-Trichloroethane | BQL | 5 | 20 |
| 1,1,2-Trichloroethane | BQL | 5 | 50 |
| Trichloroethylene | BQL | 5 | 20 |
| Trichlorofluoromethane | BQL | 5 | 20 |
| 1,2,3-Trichloropropane | BQL | 5 | 100 |
| **1,2,4-Trimethylbenzene** | **68** | **5** | **20** |
| 1,3,5-Trimethylbenzene | BQL | 5 | 20 |
| Vinyl Chloride | BQL | 5 | 10 |
| **total Xylenes** | **140** | **5** | **100** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 90 | 80-120% |
| Toluene-d8 | 108 | 81-117% |
| 4-Bromofluorobenzene | 98 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/30/30.0
CAS LAB NO: 97026106
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0853

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **130** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/30/30.0
CAS LAB NO: 97026106
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0853

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| **Ethylbenzene** | **20** | **1** | **3** |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| **N-Propylbenzene** | **62** | **1** | **5** |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| **Toluene** | **200** | **1** | **5** |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| **1,2,4-Trimethylbenzene** | **59** | **1** | **5** |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| **total Xylenes** | **260** | **1** | **20** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 87 | 80-120% |
| Toluene-d8 | 113 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Oban
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/35/35.0
CAS LAB NO: 97026107
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0905

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5 | 20 |
| Bromobenzene | BQL | 5 | 50 |
| Bromochloromethane | BQL | 5 | 50 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 5 | 50 |
| Bromomethane | BQL | 5 | 20 |
| N-Butylbenzene | BQL | 5 | 20 |
| sec-Butylbenzene | BQL | 5 | 20 |
| tert-Butylbenzene | BQL | 5 | 20 |
| Carbon Tetrachloride | BQL | 5 | 10 |
| Chlorobenzene | BQL | 5 | 20 |
| Chloroethane | BQL | 5 | 20 |
| Chloroform | BQL | 5 | 50 |
| Chloromethane | BQL | 5 | 20 |
| 2-Chlorotoluene | BQL | 5 | 20 |
| 4-Chlorotoluene | BQL | 5 | 20 |
| Chlorodibromomethane | BQL | 5 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 5 | 200 |
| 1,2-Dibromoethane | BQL | 5 | 50 |
| Dibromomethane | BQL | 5 | 20 |
| 1,2-Dichlorobenzene | BQL | 5 | 50 |
| 1,3-Dichlorobenzene | BQL | 5 | 20 |
| 1,4-Dichlorobenzene | BQL | 5 | 20 |
| Dichlorodifluoromethane | BQL | 5 | 10 |
| 1,1-Dichloroethane | BQL | 5 | 20 |
| 1,2-Dichloroethane | BQL | 5 | 20 |
| 1,1-Dichloroethene | BQL | 5 | 20 |
| cis-1,2-Dichloroethene | BQL | 5 | 20 |
| trans-1,2-Dichloroethene | BQL | 5 | 20 |
| 1,2-Dichloropropane | BQL | 5 | 20 |
| 1,3-Dichloropropane | BQL | 5 | 20 |
| 2,2-Dichloropropane | BQL | 5 | 20 |

N. Aban
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/35/35.0
CAS LAB NO: 97026107
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0905

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5 | 10 |
| **Ethylbenzene** | **21** | **5** | **20** |
| Hexachlorobutadiene | BQL | 5 | 50 |
| Isopropylbenzene | BQL | 5 | 20 |
| p-Isopropyltoluene | BQL | 5 | 20 |
| Methylene Chloride | BQL | 5 | 50 |
| Naphthalene | BQL | 5 | 100 |
| N-Propylbenzene | BQL | 5 | 20 |
| Styrene | BQL | 5 | 50 |
| 1,1,1,2-Tetrachloroethane | BQL | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 5 | 50 |
| Tetrachloroethene | BQL | 5 | 20 |
| Toluene | BQL | 5 | 20 |
| 1,2,3-Trichlorobenzene | BQL | 5 | 50 |
| 1,2,4-Trichlorobenzene | BQL | 5 | 50 |
| 1,1,1-Trichloroethane | BQL | 5 | 20 |
| 1,1,2-Trichloroethane | BQL | 5 | 50 |
| Trichloroethylene | BQL | 5 | 20 |
| Trichlorofluoromethane | BQL | 5 | 20 |
| 1,2,3-Trichloropropane | BQL | 5 | 100 |
| 1,2,4-Trimethylbenzene | BQL | 5 | 20 |
| 1,3,5-Trimethylbenzene | BQL | 5 | 20 |
| Vinyl Chloride | BQL | 5 | 10 |
| total Xylenes | BQL | 5 | 100 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 82 | 80-120% |
| Toluene-d8 | 92 | 81-117% |
| 4-Bromofluorobenzene | 103 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Oba
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/40/40.0
CAS LAB NO: 97026108
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0920

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **6.3** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaa
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/40/40.0
CAS LAB NO: 97026108
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0920

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 114 | 80-120% |
| Toluene-d8 | 83 | 81-117% |
| 4-Bromofluorobenzene | 115 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abach
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-2/45/45.0
CAS LAB NO: 97026109
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0925

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **21** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-2/45/45.0
CAS LAB NO: 97026109
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0925

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| **Toluene** | **5.0** | **1** | **5** |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 108 | 80-120% |
| Toluene-d8 | 91 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abach
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/5/5.0
CAS LAB NO: 97026110
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0800

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **7.1*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/5/5.0
CAS LAB NO: 97026110
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0800

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 99 | 81-117% |
| 4-Bromofluorobenzene | 115 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Aba
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/10/10.0
CAS LAB NO: 97026111
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0807

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/10/10.0
CAS LAB NO: 97026111
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0807

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 113 | 80-120% |
| Toluene-d8 | 88 | 81-117% |
| 4-Bromofluorobenzene | 95 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/15/15.0
CAS LAB NO: 97026112
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0813

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/15/15.0
CAS LAB NO: 97026112
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0813

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 106 | 80-120% |
| Toluene-d8 | 89 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-1/20/20.0
CAS LAB NO: 97026113
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0823

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/20/20.0
CAS LAB NO: 97026113
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0823

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 86 | 81-117% |
| 4-Bromofluorobenzene | 101 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaci
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/25/25.0
CAS LAB NO: 97026114
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0834

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/25/25.0
CAS LAB NO: 97026114
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0834

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 108 | 80-120% |
| Toluene-d8 | 89 | 81-117% |
| 4-Bromofluorobenzene | 100 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/30/30.0
CAS LAB NO: 97026115
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0848

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/30/30.0
CAS LAB NO: 97026115
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0848

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 112 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-1/35/35.0
CAS LAB NO: 97026116
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0900

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaci
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/35/35.0
CAS LAB NO: 97026116
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0900

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| **Tetrachloroethene** | **4.2** | **1** | **3** |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **3.1** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 120 | 80-120% |
| Toluene-d8 | 95 | 81-117% |
| 4-Bromofluorobenzene | 108 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/40/40.0
CAS LAB NO: 97026117
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0917

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **7.8** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaa
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/40/40.0
CAS LAB NO: 97026117
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0917

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| **Ethylbenzene** | **5.0** | **1** | **3** |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 114 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-1/45/45.0
CAS LAB NO: 97026118
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0935

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **80** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **7.3*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-1/45/45.0
CAS LAB NO: 97026118
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 0935

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| **Ethylbenzene** | **42** | **1** | **3** |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| **Toluene** | **33** | **1** | **5** |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| **1,2,4-Trimethylbenzene** | **11** | **1** | **5** |
| **1,3,5-Trimethylbenzene** | **22** | **1** | **5** |
| Vinyl Chloride | BQL | 1 | 2 |
| **total Xylenes** | **180** | **1** | **20** |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 107 | 80-120% |
| Toluene-d8 | 105 | 81-117% |
| 4-Bromofluorobenzene | 103 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-3/5/5.0
CAS LAB NO: 97026119
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1016

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaa
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/5/5.0
CAS LAB NO: 97026119
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1016

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 93 | 81-117% |
| 4-Bromofluorobenzene | 110 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-3/10/10.0
CAS LAB NO: 97026120
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1024

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaca
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/10/10.0
CAS LAB NO: 97026120
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1024

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 88 | 80-120% |
| Toluene-d8 | 97 | 81-117% |
| 4-Bromofluorobenzene | 109 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-3/15/15.0
CAS LAB NO: 97026121
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1032

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/15/15.0
CAS LAB NO: 97026121
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1032

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 92 | 80-120% |
| Toluene-d8 | 92 | 81-117% |
| 4-Bromofluorobenzene | 108 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-3/20/20.0
CAS LAB NO: 97026122
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1041

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5000 | 20000 |
| Bromobenzene | BQL | 5000 | 50000 |
| Bromochloromethane | BQL | 5000 | 50000 |
| Bromodichloromethane | BQL | 5000 | 20000 |
| Bromoform | BQL | 5000 | 50000 |
| Bromomethane | BQL | 5000 | 20000 |
| **N-Butylbenzene** | **26000** | **5000** | **20000** |
| sec-Butylbenzene | BQL | 5000 | 20000 |
| tert-Butylbenzene | BQL | 5000 | 20000 |
| Carbon Tetrachloride | BQL | 5000 | 10000 |
| Chlorobenzene | BQL | 5000 | 20000 |
| Chloroethane | BQL | 5000 | 20000 |
| Chloroform | BQL | 5000 | 50000 |
| Chloromethane | BQL | 5000 | 20000 |
| 2-Chlorotoluene | BQL | 5000 | 20000 |
| 4-Chlorotoluene | BQL | 5000 | 20000 |
| Chlorodibromomethane | BQL | 5000 | 20000 |
| 1,2-Dibromo-3-chloropropane | BQL | 5000 | 200000 |
| 1,2-Dibromoethane | BQL | 5000 | 50000 |
| Dibromomethane | BQL | 5000 | 20000 |
| 1,2-Dichlorobenzene | BQL | 5000 | 50000 |
| 1,3-Dichlorobenzene | BQL | 5000 | 20000 |
| 1,4-Dichlorobenzene | BQL | 5000 | 20000 |
| Dichlorodifluoromethane | BQL | 5000 | 10000 |
| 1,1-Dichloroethane | BQL | 5000 | 20000 |
| 1,2-Dichloroethane | BQL | 5000 | 20000 |
| 1,1-Dichloroethene | BQL | 5000 | 20000 |
| cis-1,2-Dichloroethene | BQL | 5000 | 20000 |
| trans-1,2-Dichloroethene | BQL | 5000 | 20000 |
| 1,2-Dichloropropane | BQL | 5000 | 20000 |
| 1,3-Dichloropropane | BQL | 5000 | 20000 |
| 2,2-Dichloropropane | BQL | 5000 | 20000 |

N. Abad
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/20/20.0
CAS LAB NO: 97026122
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1041

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5000 | 10000 |
| **Ethylbenzene** | **28000** | **5000** | **20000** |
| Hexachlorobutadiene | BQL | 5000 | 50000 |
| Isopropylbenzene | BQL | 5000 | 20000 |
| p-Isopropyltoluene | BQL | 5000 | 20000 |
| Methylene Chloride | BQL | 5000 | 50000 |
| Naphthalene | BQL | 5000 | 100000 |
| N-Propylbenzene | BQL | 5000 | 20000 |
| Styrene | BQL | 5000 | 50000 |
| 1,1,1,2-Tetrachloroethane | BQL | 5000 | 20000 |
| 1,1,2,2-Tetrachloroethane | BQL | 5000 | 50000 |
| Tetrachloroethene | BQL | 5000 | 20000 |
| Toluene | BQL | 5000 | 20000 |
| 1,2,3-Trichlorobenzene | BQL | 5000 | 50000 |
| 1,2,4-Trichlorobenzene | BQL | 5000 | 50000 |
| 1,1,1-Trichloroethane | BQL | 5000 | 20000 |
| 1,1,2-Trichloroethane | BQL | 5000 | 50000 |
| Trichloroethylene | BQL | 5000 | 20000 |
| Trichlorofluoromethane | BQL | 5000 | 20000 |
| 1,2,3-Trichloropropane | BQL | 5000 | 100000 |
| 1,2,4-Trimethylbenzene | BQL | 5000 | 20000 |
| 1,3,5-Trimethylbenzene | BQL | 5000 | 20000 |
| Vinyl Chloride | BQL | 5000 | 10000 |
| **total Xylenes** | **200000** | **5000** | **100000** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 99 | 80-120% |
| Toluene-d8 | 103 | 81-117% |
| 4-Bromofluorobenzene | 98 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-3/25/25.0
CAS LAB NO: 97026123
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1050

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 10 | 50 |
| Bromobenzene | BQL | 10 | 100 |
| Bromochloromethane | BQL | 10 | 100 |
| Bromodichloromethane | BQL | 10 | 50 |
| Bromoform | BQL | 10 | 100 |
| Bromomethane | BQL | 10 | 30 |
| **N-Butylbenzene** | **160** | **10** | **50** |
| sec-Butylbenzene | BQL | 10 | 50 |
| tert-Butylbenzene | BQL | 10 | 50 |
| Carbon Tetrachloride | BQL | 10 | 20 |
| Chlorobenzene | BQL | 10 | 50 |
| Chloroethane | BQL | 10 | 50 |
| Chloroform | BQL | 10 | 100 |
| Chloromethane | BQL | 10 | 30 |
| 2-Chlorotoluene | BQL | 10 | 50 |
| 4-Chlorotoluene | BQL | 10 | 50 |
| Chlorodibromomethane | BQL | 10 | 50 |
| 1,2-Dibromo-3-chloropropane | BQL | 10 | 500 |
| 1,2-Dibromoethane | BQL | 10 | 100 |
| Dibromomethane | BQL | 10 | 50 |
| 1,2-Dichlorobenzene | BQL | 10 | 100 |
| 1,3-Dichlorobenzene | BQL | 10 | 50 |
| 1,4-Dichlorobenzene | BQL | 10 | 50 |
| Dichlorodifluoromethane | BQL | 10 | 20 |
| 1,1-Dichloroethane | BQL | 10 | 50 |
| 1,2-Dichloroethane | BQL | 10 | 30 |
| 1,1-Dichloroethene | BQL | 10 | 30 |
| cis-1,2-Dichloroethene | BQL | 10 | 50 |
| trans-1,2-Dichloroethene | BQL | 10 | 50 |
| **1,2-Dichloropropane** | **150*** | **10** | **50** |
| 1,3-Dichloropropane | BQL | 10 | 50 |
| 2,2-Dichloropropane | BQL | 10 | 50 |

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/25/25.0
CAS LAB NO: 97026123
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1050

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 10 | 20 |
| **Ethylbenzene** | **110** | **10** | **30** |
| Hexachlorobutadiene | BQL | 10 | 100 |
| Isopropylbenzene | BQL | 10 | 50 |
| **p-Isopropyltoluene** | **110** | **10** | **50** |
| Methylene Chloride | BQL | 10 | 100 |
| **Naphthalene** | **550** | **10** | **200** |
| N-Propylbenzene | BQL | 10 | 50 |
| Styrene | BQL | 10 | 100 |
| 1,1,1,2-Tetrachloroethane | BQL | 10 | 50 |
| 1,1,2,2-Tetrachloroethane | BQL | 10 | 100 |
| Tetrachloroethene | BQL | 10 | 30 |
| **Toluene** | **89** | **10** | **50** |
| 1,2,3-Trichlorobenzene | BQL | 10 | 100 |
| 1,2,4-Trichlorobenzene | BQL | 10 | 100 |
| 1,1,1-Trichloroethane | BQL | 10 | 50 |
| 1,1,2-Trichloroethane | BQL | 10 | 100 |
| Trichloroethylene | BQL | 10 | 30 |
| Trichlorofluoromethane | BQL | 10 | 30 |
| 1,2,3-Trichloropropane | BQL | 10 | 200 |
| **1,2,4-Trimethylbenzene** | **480** | **10** | **50** |
| **1,3,5-Trimethylbenzene** | **280** | **10** | **50** |
| Vinyl Chloride | BQL | 10 | 20 |
| **total Xylenes** | **380** | **10** | **200** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 103 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 103 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Alan
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-3/30/30.0
CAS LAB NO: 97026124
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1107

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **1100** | **50** | **200** |
| Bromobenzene | BQL | 50 | 500 |
| Bromochloromethane | BQL | 50 | 500 |
| Bromodichloromethane | BQL | 50 | 200 |
| Bromoform | BQL | 50 | 500 |
| Bromomethane | BQL | 50 | 200 |
| N-Butylbenzene | BQL | 50 | 200 |
| sec-Butylbenzene | BQL | 50 | 200 |
| tert-Butylbenzene | BQL | 50 | 200 |
| Carbon Tetrachloride | BQL | 50 | 100 |
| Chlorobenzene | BQL | 50 | 200 |
| Chloroethane | BQL | 50 | 200 |
| Chloroform | BQL | 50 | 500 |
| Chloromethane | BQL | 50 | 200 |
| 2-Chlorotoluene | BQL | 50 | 200 |
| 4-Chlorotoluene | BQL | 50 | 200 |
| Chlorodibromomethane | BQL | 50 | 200 |
| 1,2-Dibromo-3-chloropropane | BQL | 50 | 2000 |
| 1,2-Dibromoethane | BQL | 50 | 500 |
| Dibromomethane | BQL | 50 | 200 |
| 1,2-Dichlorobenzene | BQL | 50 | 500 |
| 1,3-Dichlorobenzene | BQL | 50 | 200 |
| 1,4-Dichlorobenzene | BQL | 50 | 200 |
| Dichlorodifluoromethane | BQL | 50 | 100 |
| 1,1-Dichloroethane | BQL | 50 | 200 |
| 1,2-Dichloroethane | BQL | 50 | 200 |
| 1,1-Dichloroethene | BQL | 50 | 200 |
| cis-1,2-Dichloroethene | BQL | 50 | 200 |
| trans-1,2-Dichloroethene | BQL | 50 | 200 |
| 1,2-Dichloropropane | BQL | 50 | 200 |
| 1,3-Dichloropropane | BQL | 50 | 200 |
| 2,2-Dichloropropane | BQL | 50 | 200 |

N. Abou
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/30/30.0
CAS LAB NO: 97026124
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1107

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 50 | 100 |
| **Ethylbenzene** | **340** | **50** | **200** |
| Hexachlorobutadiene | BQL | 50 | 500 |
| Isopropylbenzene | BQL | 50 | 200 |
| p-Isopropyltoluene | BQL | 50 | 200 |
| Methylene Chloride | BQL | 50 | 500 |
| Naphthalene | BQL | 50 | 1000 |
| N-Propylbenzene | BQL | 50 | 200 |
| Styrene | BQL | 50 | 500 |
| 1,1,1,2-Tetrachloroethane | BQL | 50 | 200 |
| 1,1,2,2-Tetrachloroethane | BQL | 50 | 500 |
| Tetrachloroethene | BQL | 50 | 200 |
| **Toluene** | **2900** | **50** | **200** |
| 1,2,3-Trichlorobenzene | BQL | 50 | 500 |
| 1,2,4-Trichlorobenzene | BQL | 50 | 500 |
| 1,1,1-Trichloroethane | BQL | 50 | 200 |
| 1,1,2-Trichloroethane | BQL | 50 | 500 |
| Trichloroethylene | BQL | 50 | 200 |
| Trichlorofluoromethane | BQL | 50 | 200 |
| 1,2,3-Trichloropropane | BQL | 50 | 1000 |
| **1,2,4-Trimethylbenzene** | **830** | **50** | **200** |
| 1,3,5-Trimethylbenzene | BQL | 50 | 200 |
| Vinyl Chloride | BQL | 50 | 100 |
| **total Xylenes** | **2500** | **50** | **1000** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 97 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-3/35/35.0
CAS LAB NO: 97026125
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1118

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/35/35.0
CAS LAB NO: 97026125
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1118

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 112 | 80-120% |
| Toluene-d8 | 89 | 81-117% |
| 4-Bromofluorobenzene | 109 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abac
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: CB-3/40/40.0
CAS LAB NO: 97026126
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1137

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **5.5** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **5.2*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaci
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/40/40.0
CAS LAB NO: 97026126
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1137

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| **1,2,4-Trimethylbenzene** | **11** | **1** | **5** |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| **total Xylenes** | **28** | **1** | **20** |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 112 | 80-120% |
| Toluene-d8 | 108 | 81-117% |
| 4-Bromofluorobenzene | 112 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: CB-3/45/45.0
CAS LAB NO: 97026127
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1155

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **220** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: CB-3/45/45.0
CAS LAB NO: 97026127
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1155

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| **Ethylbenzene** | **44** | **1** | **3** |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| **Toluene** | **190** | **1** | **5** |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| **1,3,5-Trimethylbenzene** | **6.4** | **1** | **5** |
| Vinyl Chloride | BQL | 1 | 2 |
| **total Xylenes** | **180** | **1** | **20** |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 120 | 80-120% |
| Toluene-d8 | 106 | 81-117% |
| 4-Bromofluorobenzene | 98 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaci
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/5/5.0
CAS LAB NO: 97026128
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1015

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **12*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/5/5.0
CAS LAB NO: 97026128
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1015

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| **1,2,4-Trimethylbenzene** | **11** | **1** | **5** |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 90 | 80-120% |
| Toluene-d8 | 101 | 81-117% |
| 4-Bromofluorobenzene | 116 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaca
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/10/10.0
CAS LAB NO: 97026129
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1020

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **6.4*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/10/10.0
CAS LAB NO: 97026129
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1020

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 80-120% |
| Toluene-d8 | 103 | 81-117% |
| 4-Bromofluorobenzene | 107 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB-1/15/15.0
CAS LAB NO: 97026130
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1235

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/15/15.0
CAS LAB NO: 97026130
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1235

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 114 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB-1/20/20.0
CAS LAB NO: 97026131
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/20/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1110

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5 | 20 |
| Bromobenzene | BQL | 5 | 50 |
| Bromochloromethane | BQL | 5 | 50 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 5 | 50 |
| Bromomethane | BQL | 5 | 20 |
| N-Butylbenzene | BQL | 5 | 20 |
| sec-Butylbenzene | BQL | 5 | 20 |
| tert-Butylbenzene | BQL | 5 | 20 |
| Carbon Tetrachloride | BQL | 5 | 10 |
| Chlorobenzene | BQL | 5 | 20 |
| Chloroethane | BQL | 5 | 20 |
| Chloroform | BQL | 5 | 50 |
| Chloromethane | BQL | 5 | 20 |
| 2-Chlorotoluene | BQL | 5 | 20 |
| 4-Chlorotoluene | BQL | 5 | 20 |
| Chlorodibromomethane | BQL | 5 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 5 | 200 |
| 1,2-Dibromoethane | BQL | 5 | 50 |
| Dibromomethane | BQL | 5 | 20 |
| 1,2-Dichlorobenzene | BQL | 5 | 50 |
| 1,3-Dichlorobenzene | BQL | 5 | 20 |
| 1,4-Dichlorobenzene | BQL | 5 | 20 |
| Dichlorodifluoromethane | BQL | 5 | 10 |
| 1,1-Dichloroethane | BQL | 5 | 20 |
| 1,2-Dichloroethane | BQL | 5 | 20 |
| 1,1-Dichloroethene | BQL | 5 | 20 |
| cis-1,2-Dichloroethene | BQL | 5 | 20 |
| trans-1,2-Dichloroethene | BQL | 5 | 20 |
| 1,2-Dichloropropane | BQL | 5 | 20 |
| 1,3-Dichloropropane | BQL | 5 | 20 |
| 2,2-Dichloropropane | BQL | 5 | 20 |

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/20/20.0
CAS LAB NO: 97026131
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/20/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1110

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5 | 10 |
| Ethylbenzene | BQL | 5 | 20 |
| Hexachlorobutadiene | BQL | 5 | 50 |
| Isopropylbenzene | BQL | 5 | 20 |
| p-Isopropyltoluene | BQL | 5 | 20 |
| Methylene Chloride | BQL | 5 | 50 |
| **Naphthalene** | **210** | **5** | **100** |
| N-Propylbenzene | BQL | 5 | 20 |
| Styrene | BQL | 5 | 50 |
| 1,1,1,2-Tetrachloroethane | BQL | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 5 | 50 |
| Tetrachloroethene | BQL | 5 | 20 |
| Toluene | BQL | 5 | 20 |
| 1,2,3-Trichlorobenzene | BQL | 5 | 50 |
| 1,2,4-Trichlorobenzene | BQL | 5 | 50 |
| 1,1,1-Trichloroethane | BQL | 5 | 20 |
| 1,1,2-Trichloroethane | BQL | 5 | 50 |
| Trichloroethylene | BQL | 5 | 20 |
| Trichlorofluoromethane | BQL | 5 | 20 |
| 1,2,3-Trichloropropane | BQL | 5 | 100 |
| **1,2,4-Trimethylbenzene** | **220** | **5** | **20** |
| **1,3,5-Trimethylbenzene** | **55** | **5** | **20** |
| Vinyl Chloride | BQL | 5 | 10 |
| total Xylenes | BQL | 5 | 100 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 94 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abach
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/25/25.0
CAS LAB NO: 97026132
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1130

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 5 | 20 |
| Bromobenzene | BQL | 5 | 50 |
| Bromochloromethane | BQL | 5 | 50 |
| Bromodichloromethane | BQL | 5 | 20 |
| Bromoform | BQL | 5 | 50 |
| Bromomethane | BQL | 5 | 20 |
| N-Butylbenzene | BQL | 5 | 20 |
| sec-Butylbenzene | BQL | 5 | 20 |
| tert-Butylbenzene | BQL | 5 | 20 |
| Carbon Tetrachloride | BQL | 5 | 10 |
| Chlorobenzene | BQL | 5 | 20 |
| Chloroethane | BQL | 5 | 20 |
| Chloroform | BQL | 5 | 50 |
| Chloromethane | BQL | 5 | 20 |
| 2-Chlorotoluene | BQL | 5 | 20 |
| 4-Chlorotoluene | BQL | 5 | 20 |
| Chlorodibromomethane | BQL | 5 | 20 |
| 1,2-Dibromo-3-chloropropane | BQL | 5 | 200 |
| 1,2-Dibromoethane | BQL | 5 | 50 |
| Dibromomethane | BQL | 5 | 20 |
| 1,2-Dichlorobenzene | BQL | 5 | 50 |
| 1,3-Dichlorobenzene | BQL | 5 | 20 |
| 1,4-Dichlorobenzene | BQL | 5 | 20 |
| Dichlorodifluoromethane | BQL | 5 | 10 |
| 1,1-Dichloroethane | BQL | 5 | 20 |
| 1,2-Dichloroethane | BQL | 5 | 20 |
| 1,1-Dichloroethene | BQL | 5 | 20 |
| cis-1,2-Dichloroethene | BQL | 5 | 20 |
| trans-1,2-Dichloroethene | BQL | 5 | 20 |
| **1,2-Dichloropropane** | **75*** | **5** | **20** |
| 1,3-Dichloropropane | BQL | 5 | 20 |
| 2,2-Dichloropropane | BQL | 5 | 20 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
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Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1130

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 5 | 10 |
| Ethylbenzene | BQL | 5 | 20 |
| Hexachlorobutadiene | BQL | 5 | 50 |
| Isopropylbenzene | BQL | 5 | 20 |
| p-Isopropyltoluene | BQL | 5 | 20 |
| Methylene Chloride | BQL | 5 | 50 |
| **Naphthalene** | **140** | **5** | **100** |
| N-Propylbenzene | BQL | 5 | 20 |
| Styrene | BQL | 5 | 50 |
| 1,1,1,2-Tetrachloroethane | BQL | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | BQL | 5 | 50 |
| Tetrachloroethene | BQL | 5 | 20 |
| Toluene | BQL | 5 | 20 |
| 1,2,3-Trichlorobenzene | BQL | 5 | 50 |
| 1,2,4-Trichlorobenzene | BQL | 5 | 50 |
| 1,1,1-Trichloroethane | BQL | 5 | 20 |
| 1,1,2-Trichloroethane | BQL | 5 | 50 |
| Trichloroethylene | BQL | 5 | 20 |
| Trichlorofluoromethane | BQL | 5 | 20 |
| 1,2,3-Trichloropropane | BQL | 5 | 100 |
| **1,2,4-Trimethylbenzene** | **220** | **5** | **20** |
| **1,3,5-Trimethylbenzene** | **47** | **5** | **20** |
| Vinyl Chloride | BQL | 5 | 10 |
| total Xylenes | BQL | 5 | 100 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 111 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/30/30.0
CAS LAB NO: 97026133
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1130

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **6.4*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/30/30.0
CAS LAB NO: 97026133
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1130

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 84 | 80-120% |
| Toluene-d8 | 91 | 81-117% |
| 4-Bromofluorobenzene | 111 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/35/35.0
CAS LAB NO: 97026134
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1150

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **12*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/35/35.0
CAS LAB NO: 97026134
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1150

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 103 | 80-120% |
| Toluene-d8 | 100 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abaa
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB-1/40/40.0
CAS LAB NO: 97026135
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1210

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **14*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/40/40.0
CAS LAB NO: 97026135
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1210

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 98 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB-1/45/45.0
CAS LAB NO: 97026136
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1235

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **11*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abaci
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB-1/45/45.0
CAS LAB NO: 97026136
Date Received: 2/13/97
Date Sampled: 2/13/97

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: Soil
Date Extracted: N/A
Time Sampled: 1235

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 96 | 81-117% |
| 4-Bromofluorobenzene | 111 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abao
Principal Analyst

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/13/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 92 | 81-117% |
| 4-Bromofluorobenzene | 104 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abco
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/14/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 100 | 80-120% |
| Toluene-d8 | 94 | 81-117% |
| 4-Bromofluorobenzene | 103 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: MB for Solid

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **16*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abas
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/17/97
Analyst: NHA
Sample Matrix: MB for Solid

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 89 | 81-117% |
| 4-Bromofluorobenzene | 93 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abar
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: MB for Solid

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **12*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Aban
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/18/97
Analyst: NHA
Sample Matrix: MB for Solid

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 106 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abac
Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: MB for Solid

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| **1,2-Dichloropropane** | **5.0*** | **1** | **5** |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Aban
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/19/97
Analyst: NHA
Sample Matrix: MB for Solid

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 97 | 80-120% |
| Toluene-d8 | 110 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

*Method Blank Contamination
BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abao
Principal Analyst

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/20/97
Analyst: NHA
Sample Matrix: MB for Solid

## METHOD BLANK ANALYSIS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

N. Abao
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro(9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970261-MB
Date Extracted: N/A

Date Analyzed: 2/20/97
Analyst: NHA
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 87 | 80-120% |
| Toluene-d8 | 106 | 81-117% |
| 4-Bromofluorobenzene | 112 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Abad
Principal Analyst



CAPCO Analytical Services, Inc.

Form: Vta.(7/93)

61 DF 2/13/97

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 1 of 5

| | | | |
|---|---|---|---|
| LABORATORY Capco | LABORATORY LOCATION Ventura | DATE 2-13-97 | FM JOB No. 9648-5411 |
| CLIENT Dial | PROJECT Southgate | | |
| PROJECT MANAGER Mike Flack | SAMPLER (Signature) John R. Cook | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | CB-2 | CB-2/5/5.0 | 2/13 | 08 00 | 3 | 2 | S | A | A, B |
| 2 | 18 | CB-2 | CB-2/10/10.0 | | 08 10 | | | | | |
| 3 | 19 | CB-2 | CB-2/15/15.0 | | 08 18 | | | | | |
| 4 | 20 | CB-2 | CB-2/20/20.0 | | 08 22 | | | | | |
| 5 | 21 | CB-2 | CB-2/25/25.0 | | 08 31 | | | | | |
| 6 | 22 | CB-2 | CB-2/30/30.0 | | 08 53 | | | | | |
| 7 | 23 | CB-2 | CB-2/35/35.0 | | 09 03 | | | | | |
| 8 | 24 | CB-2 | CB-2/40/40.0 | | 09 20 | | | | | A, B |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | TPH 8015 Fuel Fingerprint |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | EPA 8260 |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) [signature] | DATE: 2/13/97 | TIME: 5:20 p |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

61

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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93.0F17C\custody 713

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

61 DF 2/13/97

FUGRO

Pg 2 of 5

| | | | |
|---|---|---|---|
| LABORATORY: Capco | LABORATORY LOCATION: Ventura | DATE: 2-13-97 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Southgate | | |
| PROJECT MANAGER: ~~[illegible]~~ Mike F | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | CB-2 | CB-2/45/45.0 | 2/13 | 09 25 | 3 | 2 | S | ~~2~~ A | A, B |
| 10 | CB-1 | CB-1/5/5.0 | | 08 00 | | | | | |
| 11 | CB-1 | CB-1/10/10.0 | | 08 07 | | | | | |
| 12 | CB-1 | CB-1/15/15.0 | | 08 12 | | | | 6 | 1 |
| 13 | CB-1 | CB-1/20/20.0 | | 08 23 | | | | | |
| 14 | CB-1 | CB-1/25/25.0 | | 08 34 | | | | | |
| 15 | CB-1 | CB-1/30/30.0 | | 08 48 | | | | | |
| 16 | CB-1 | CB-1/35/35.0 | | 09 00 | | | | | A, B |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8015M (Fingerprint) C4-C25+ |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B 8260 (VOCs) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) Dan Fach | DATE: 2/13/97 | TIME: 5:20 p |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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DL 2/13/97

Form: Vla.(7/93)

# CHAIN OF CUSTODY RECORD

61

FUGRO

Pg 3 of 3

| | | | |
|---|---|---|---|
| LABORATORY: Cupco | LABORATORY LOCATION: Ventura | DATE: 2-13-97 | FM JOB No.: 5648-3411 |
| CLIENT: Dial | PROJECT: Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| | Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 1 | CB-1 | CB-1/40/40.0 | 2/13 | 09:17 | 3 | 2 | S | A | A, B |
| 18 | 2 | CB-1 | CB-1/45/45.0 | | 09:35 | | | | | |
| 19 | 3 | CB-3 | CB-3/5/5.0 | | 10:16 | | | | | |
| 20 | 4 | CB-3 | CB-3/10/10.0 | | 10:24 | | | | | |
| 21 | 5 | CB-3 | CB-3/15/15.0 | | 10:32 | | | | | |
| 22 | 6 | CB-3 | CB-3/20/20.0 | | 10:41 | | | | | |
| 23 | 7 | CB-3 | CB-3/25/25.0 | | 10:50 | | | | | |
| 24 | 8 | CB-3 | CB-3/30/30.0 | | 11:07 | | | | | A & B |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8015M TPH (FINGERPRINT) |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B 8260 (VOCs) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) [illegible] | DATE: 2/13/97 | TIME: 5:20 p |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

61

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

93.0F17Custody 713

R4 S14

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

Pg 4 of 5

| | | | |
|---|---|---|---|
| LABORATORY: Cupco | LABORATORY LOCATION: Ventura | DATE: 2-13-97 | FM JOB No.: 5648-3411 |
| CLIENT: Dial | PROJECT: Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | CB-3 | CB-3/35/35.0 | 2/13 | 11:18 | 3 | 2 | S | A | A, B |
| 26 | CB-3 | CB-3/40/40.0 | | 11:37 | | | | | |
| 27 | CB-3 | CB-3/45/45.0 | | 11:55 | | | | | |
| 28 | EB-1 | EB-1/5/5.0 | | 10:15 | | | | | |
| 29 | EB-1 | EB-1/10/10.0 | | 10:20 | | | | | |
| 30 | EB-1 | EB-1/15/15.0 | | 10:35 | | 2 | | | |
| 31 | EB-1 | EB-1/20/20.0 | | 11:10 | | 2 | | | |
| 32 | EB-1 | EB-1/25/25.0 | | 11:30 | | | | | A, B |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8015M TPH (Fingerprint) |
| 2 | Brass or stainless steel sleeve, 1¾-inch diameter by 4 inches long | S | Solid | B 8260 (10Cs) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | | PRESERVATION METHOD | E |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 8 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R Cook | RECEIVED BY: (Signature) Dan Fenn | DATE: 2/13/97 | TIME: 5:20 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form: Vla (7/93)

# CHAIN OF CUSTODY RECORD

FUGRO

~~2301~~ DF 2/13/97

Pg 5 of 5

| | | | |
|---|---|---|---|
| LABORATORY: Capco | LABORATORY LOCATION: Ventura | DATE: 2-13-97 | FM JOB No.: 9648-3411 |
| CLIENT: Dial | PROJECT: Southgate | | |
| PROJECT MANAGER: Mike Flack | SAMPLER (Signature): John R. Cook | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 33 | EB-1 | EB-1/30/30.0 | 2/13 | 11:30 | 3 | 2 | S | A | A, B |
| 34 | EB-1 | EB-1/35/35.0 | ↓ | 11:50 | ↓ | ↓ | ↓ | ↓ | A, B |
| 35 | EB-1 | EB-1/40/40 | ↓ | 12:10 | ↓ | ↓ | ↓ | ↓ | A, B |
| 36 | EB-1 | EB-1/45/45 | ↓ | 12:35 | ↓ | ↓ | ↓ | ↓ | A, B |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8015M (FINGERPRINT) TPH |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | 8260 (VOCs) |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) John R. Cook | RECEIVED BY: (Signature) Dan Farah | DATE: 2/13/97 | TIME: 5:00 |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) | DATE: | TIME: |

METHOD OF SHIPMENT:

TURNAROUND TIME: Normal

SAMPLE DISPOSAL: ☐ Return to FM ☒ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) February 13, 1997
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 970223 Job No: B01295
Date Received: 06-FEB-97 Sampled By: Client
Project: Dial 9648-3411 Sample ID: See Below

## RESULTS

On February 6, 1997, twenty-eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 27 pages excluding the cover letter, and the Chain of Custody. The Formaldehyde Analysis was subcontracted to Truesdail Labs and the results will follow.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB8-5 | 97022301 |
| EB8-10 | 97022302 |
| EB8-15 | 97022303 |
| EB8-20 | 97022304 |
| EB8-25 | 97022305 |
| EB8-30 | 97022306 |
| EB8-35 | 97022307 |
| EB8-40 | 97022308 |
| EB8-45 | 97022309 |
| EB12-5 | 97022310 |
| EB12-10 | 97022311 |
| EB12-15 | 97022312 |
| EB12-20 | 97022313 |
| EB12-25 | 97022314 |
| EB12-30 | 97022315 |

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411)
5855 Olivas Park Drive
Ventura, CA. 93003

February 13, 1997

**ATTENTION:** Michael Flack

Laboratory No: 970223
Date Received: 06-FEB-97
Project: Dial 9648-3411

Job No: B01295
Sampled By: Client
Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB12-35 | 97022316 |
| EB4-5 | 97022317 |
| EB4-10 | 97022318 |
| EB4-15 | 97022319 |
| EB4-20 | 97022320 |
| EB14-5 | 97022321 |
| EB14-10 | 97022322 |
| EB14-15 | 97022323 |
| EB14-20 | 97022324 |
| EB15-5 | 97022325 |
| EB15-10 | 97022326 |
| EB15-15 | 97022327 |
| EB15-20 | 97022328 |

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970223 Date Received: 2/ 6/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97022310** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-5** | | **Date Analyzed:** | | **2/ 8/97** |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 150 | 10.0 | 100 | 42* |
| TPH - (C23+) | 720 | | | |
| **CAS Lab #: 97022311** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-10** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | 0.68 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | 1500 | 20.0 | 200 | 48* |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022312** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-15** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 76 |
| TPH - (C23+) | BQL | | | |

* Low recovery due to matrix interference.
Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970223 Date Received: 2/ 6/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97022313** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-20** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | 1.1 | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 59 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022314** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-25** | | **Date Analyzed:** | | **2/11/97** |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 56 | 1.0 | 10 | 70 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022315** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-30** | | **Date Analyzed:** | | **2/11/97** |
| TPH - (C4 - C12) | BQL | 50.0 | 20 | -- |
| TPH - (C13 - C22) | 77 | 1.0 | 10 | 68 |
| TPH - (C23+) | 31 | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970223 Date Received: 2/ 6/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97022316** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB12-35** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 98 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022317** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB4-5** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 97 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022318** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB4-10** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 81 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411) Analyst: Nighat
Lab ID: 970223 Date Received: 2/ 6/97
Matrix: Soil

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg | Surrogate % Rec. |
|---|---|---|---|---|
| **CAS Lab #: 97022319** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB4-15** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 84 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 97022320** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: EB4-20** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 88 |
| TPH - (C23+) | BQL | | | |
| **CAS Lab #: 970223-MB** | | **Date Extracted:** | | **2/ 7/97** |
| **Client ID: Method Blank** | | **Date Analyzed:** | | **2/ 7/97** |
| TPH - (C4 - C12) | BQL | 1.0 | 0.5 | -- |
| TPH - (C13 - C22) | BQL | 1.0 | 10 | 89 |
| TPH - (C23+) | BQL | | | |

Surrogate: n-Undecane
Surrogate Control Limits: 57 - 114 %
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

N. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970223
Matrix: Soil
Project: Dial

Analyst: J.C.
Date Received: 2/ 6/97
WIC #: N/A

**TOTAL PETROLEUM HYDROCARBONS**
**EPA METHOD 8015m**

| Compound | Concentration mg/Kg | Dilution Factor | PQL mg/Kg |
|---|---|---|---|
| **CAS Lab #: 970223-MB** | | **Date Analyzed: 2/10/97** | |
| **Client ID: Method Blank** | | | |
| TPH as Gasoline | BQL | 1 | 0.5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-5
CAS LAB NO: 97022301
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **10** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| **Dichlorodifluoromethane** | **4.3** | **1** | **2** |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-5
CAS LAB NO: 97022301
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 92 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(M) Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-10
CAS LAB NO: 97022302
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **76** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| **Dichlorodifluoromethane** | **4.3** | **1** | **2** |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-10
CAS LAB NO: 97022302
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 92 | 80-120% |
| Toluene-d8 | 108 | 81-117% |
| 4-Bromofluorobenzene | 89 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

(11) arsan
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB8-15
CAS LAB NO: 97022303
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **500** | **5** | **50** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-15
CAS LAB NO: 97022303
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 84 | 80-120% |
| Toluene-d8 | 112 | 81-117% |
| 4-Bromofluorobenzene | 86 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-20
CAS LAB NO: 97022304
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| **Chloroform** | **24** | **1** | **10** |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| **Dichlorodifluoromethane** | **3.6** | **1** | **2** |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-20
CAS LAB NO: 97022304
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **22** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 92 | 80-120% |
| Toluene-d8 | 115 | 81-117% |
| 4-Bromofluorobenzene | 86 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

M Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Sample ID: EB8-25
CAS LAB NO: 97022305
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
## EPA Method 8260

| Compound | Concentration µg/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-25
CAS LAB NO: 97022305
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

## VOLATILE ORGANIC COMPOUNDS
### EPA Method 8260 continued

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **7.6** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

### SURROGATE RECOVERY

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 109 | 80-120% |
| Toluene-d8 | 108 | 81-117% |
| 4-Bromofluorobenzene | 82 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-30
CAS LAB NO: 97022306
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| **1,1-Dichloroethane** | **6.8** | **1** | **5** |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-30
CAS LAB NO: 97022306
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **51** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 104 | 80-120% |
| Toluene-d8 | 102 | 81-117% |
| 4-Bromofluorobenzene | 87 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-35
CAS LAB NO: 97022307
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-35
CAS LAB NO: 97022307
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 96 | 80-120% |
| Toluene-d8 | 112 | 81-117% |
| 4-Bromofluorobenzene | 86 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-40
CAS LAB NO: 97022308
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-40
CAS LAB NO: 97022308
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| **Trichloroethylene** | **3.1** | **1** | **3** |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 107 | 80-120% |
| Toluene-d8 | 113 | 81-117% |
| 4-Bromofluorobenzene | 85 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: EB8-45
CAS LAB NO: 97022309
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| **Benzene** | **10** | **1** | **5** |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst

CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: EB8-45
CAS LAB NO: 97022309
Date Received: 2/06/97
Date Sampled: 2/06/97

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: Soil
Date Extracted: N/A

**VOLATILE ORGANIC COMPOUNDS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 112 | 80-120% |
| Toluene-d8 | 104 | 81-117% |
| 4-Bromofluorobenzene | 105 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

Principal Analyst



CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970223-MB
Date Extracted: N/A

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| Benzene | BQL | 1 | 5 |
| Bromobenzene | BQL | 1 | 10 |
| Bromochloromethane | BQL | 1 | 10 |
| Bromodichloromethane | BQL | 1 | 5 |
| Bromoform | BQL | 1 | 10 |
| Bromomethane | BQL | 1 | 3 |
| N-Butylbenzene | BQL | 1 | 5 |
| sec-Butylbenzene | BQL | 1 | 5 |
| tert-Butylbenzene | BQL | 1 | 5 |
| Carbon Tetrachloride | BQL | 1 | 2 |
| Chlorobenzene | BQL | 1 | 5 |
| Chloroethane | BQL | 1 | 5 |
| Chloroform | BQL | 1 | 10 |
| Chloromethane | BQL | 1 | 3 |
| 2-Chlorotoluene | BQL | 1 | 5 |
| 4-Chlorotoluene | BQL | 1 | 5 |
| Chlorodibromomethane | BQL | 1 | 5 |
| 1,2-Dibromo-3-chloropropane | BQL | 1 | 50 |
| 1,2-Dibromoethane | BQL | 1 | 10 |
| Dibromomethane | BQL | 1 | 5 |
| 1,2-Dichlorobenzene | BQL | 1 | 10 |
| 1,3-Dichlorobenzene | BQL | 1 | 5 |
| 1,4-Dichlorobenzene | BQL | 1 | 5 |
| Dichlorodifluoromethane | BQL | 1 | 2 |
| 1,1-Dichloroethane | BQL | 1 | 5 |
| 1,2-Dichloroethane | BQL | 1 | 3 |
| 1,1-Dichloroethene | BQL | 1 | 3 |
| cis-1,2-Dichloroethene | BQL | 1 | 5 |
| trans-1,2-Dichloroethene | BQL | 1 | 5 |
| 1,2-Dichloropropane | BQL | 1 | 5 |
| 1,3-Dichloropropane | BQL | 1 | 5 |
| 2,2-Dichloropropane | BQL | 1 | 5 |

M. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Client: Fugro( 9648-3411)
Sample ID: Method Blank
CAS LAB NO: 970223-MB
Date Extracted: N/A

Date Analyzed: 2/06/97
Analyst: JAC
Sample Matrix: MB for Solid

**METHOD BLANK ANALYSIS**
**EPA Method 8260 continued**

| Compound | Concentration ug/Kg | Dilution Factor | PQL ug/Kg |
|---|---|---|---|
| 1,1-Dichloropropene | BQL | 1 | 2 |
| Ethylbenzene | BQL | 1 | 3 |
| Hexachlorobutadiene | BQL | 1 | 10 |
| Isopropylbenzene | BQL | 1 | 5 |
| p-Isopropyltoluene | BQL | 1 | 5 |
| Methylene Chloride | BQL | 1 | 10 |
| Naphthalene | BQL | 1 | 20 |
| N-Propylbenzene | BQL | 1 | 5 |
| Styrene | BQL | 1 | 10 |
| 1,1,1,2-Tetrachloroethane | BQL | 1 | 5 |
| 1,1,2,2-Tetrachloroethane | BQL | 1 | 10 |
| Tetrachloroethene | BQL | 1 | 3 |
| Toluene | BQL | 1 | 5 |
| 1,2,3-Trichlorobenzene | BQL | 1 | 10 |
| 1,2,4-Trichlorobenzene | BQL | 1 | 10 |
| 1,1,1-Trichloroethane | BQL | 1 | 5 |
| 1,1,2-Trichloroethane | BQL | 1 | 10 |
| Trichloroethylene | BQL | 1 | 3 |
| Trichlorofluoromethane | BQL | 1 | 3 |
| 1,2,3-Trichloropropane | BQL | 1 | 20 |
| 1,2,4-Trimethylbenzene | BQL | 1 | 5 |
| 1,3,5-Trimethylbenzene | BQL | 1 | 5 |
| Vinyl Chloride | BQL | 1 | 2 |
| total Xylenes | BQL | 1 | 20 |

**SURROGATE RECOVERY**

| Surrogate | % Recovery | Control Limits |
|---|---|---|
| Dibromofluoromethane | 95 | 80-120% |
| Toluene-d8 | 109 | 81-117% |
| 4-Bromofluorobenzene | 93 | 74-121% |

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

N. Ansari
Principal Analyst



CAPCO Analytical Services, Inc.

Capco Analytical Services INC. (CAS)
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: Fugro( 9648-3411)
Lab ID: 970223
Date Received: 2/ 6/97
Date Analyzed: 2/ 7/97

Sample Matrix: Wet Extract
Date Sampled: 2/ 6/97
Analyst: C.Y.

**MBAS SURFACTANTS**
**EPA Method 425.1**

| CAS Lab # | Sample ID | RESULTS MBAS (mg/Kg) | Dil Factor | PQL (mg/Kg) |
|---|---|---|---|---|
| 97022321 | EB14-5 | 1.9 | 1.00 | 1 |
| 97022322 | EB14-10 | BQL | 1.00 | 1 |
| 97022323 | EB14-15 | BQL | 5.00 | 5 |
| 97022324 | EB14-20 | BQL | 5.00 | 5 |
| 97022325 | EB15-5 | 12 | 5.00 | 5 |
| 97022326 | EB15-10 | BQL | 5.00 | 5 |
| 97022327 | EB15-15 | BQL | 5.00 | 5 |
| 97022328 | EB15-20 | BQL | 5.00 | 5 |
| 970223-MB | Method Blank | BQL | 5.00 | 5 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Diane Khionsky
Principal Analyst

CAPCO Analytical Services, Inc.

**Capco Analytical Services INC. (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura CA 93003**
**(805) 644-1095**

Client: Fugro( 9648-3411)
Lab ID: 970223
Date Received: 2/ 6/97

Sample Matrix: Soil
Date Sampled: 2/ 6/97
Date Analyzed: 2/ 6/97
Analyst: DK

## AMMONIA ANALYSIS SUMMARY

| CAS Lab # | Sample ID | RESULTS (asN)(mg/kg) | Dil Factor | PQL (mg/kg) |
|---|---|---|---|---|
| 97022321 | EB14-5 | BQL | 1 | 0.1 |
| 97022322 | EB14-10 | BQL | 1 | 0.1 |
| 97022323 | EB14-15 | BQL | 1 | 0.1 |
| 97022324 | EB14-20 | BQL | 1 | 0.1 |
| 97022325 | EB15-5 | BQL | 1 | 0.1 |
| 97022326 | EB15-10 | BQL | 1 | 0.1 |
| 97022327 | EB15-15 | BQL | 1 | 0.1 |
| 97022328 | EB15-20 | BQL | 1 | 0.1 |
| 970223-MB | Method Blank | BQL | 1 | 0.1 |

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit
EPA Method: 350.3

Diane Klionsky
Principal Analyst

Form. Vta.(7/93)

# CHAIN OF CUSTODY RECORD

7 223

1 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-6-97 | FM JOB NO.: 9698-3411 |
| CLIENT: DIAL | PROJECT: | | |
| PROJECT MANAGER: Michael Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 1 | EB8-5 | Test Hole EB8 5 Ft | 2-6-97 | | 3 | 1 | S | A | A |
| 2 | EB8-10 | 10 Ft | ↓ | | ↓ | 2 | ↓ | ↓ | ↓ |
| 3 | EB8-15 | 15 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4 | EB8-20 | 20 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 5 | EB8-25 | 25 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 6 | EB8-30 | 30 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 7 | EB8-35 | 35 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| 8 | EB8-40 | 40 Ft | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | EPA 8260 Full |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 8315 Formaldehyde |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 425.1 MBAS |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 350.2 Ammonia |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/6/97 | TIME: 1600 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

5855 Olivas Park Drive • Ventura, California 93003-7672 • (805) 650-7000, FAX (805) 650-7010

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

23

2 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-6-97 | FM Job No.: 9048-3411 |
| CLIENT: DHL | PROJECT: | | |
| PROJECT MANAGER: Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 9 | EB8-45 | Test Hole EB 8 45 Feet | 2-6-97 | | 3 | 2 | S | A | A |
| 10 | EB12-5 | Test Hole EB 12 5 Ft | | | | | | | B |
| 11 | EB12-10 | 10 Ft | | | | | | | |
| 12 | EB12-15 | 15 Ft | | | | | | | |
| 13 | EB12-20 | 20 Ft | | | | | | | |
| 14 | EB12-25 | 25 Ft | | | | | | | |
| 15 | EB12-30 | 30 Ft | | | | | | | |
| 16 | EB12-35 | 35 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A EPA 8260 Full |
| 2 | Brass or stainless steel sleeve, 1½-inch diameter by 4 inches long | S | Solid | B 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C 8315 Formaldehyde |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D 425.1 MBAS |
| 5 | Amber glass bottle with Teflon lined screw cap, 250 milliliters | PRESERVATION METHOD | | E 350.2 Ammonia |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/6/97 | TIME: 1600 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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93 OF17C\custody 713

Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

2 3

3 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-6-97 | FM [illegible]: 9648-3411 |
| CLIENT: DTAL | PROJECT: | | |
| PROJECT MANAGER: M. Flack | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 17 | EB4-5 | Test Hole EB4 5 Ft | 2-6-97 | | 3 | 2 | S | A | B |
| 18 | EB4-10 | 10 Ft | | | | | | | |
| 19 | EB4-15 | 15 Ft | | | | | | | |
| 20 | EB4-20 | 20 Ft | | | | | | | |
| 21 | EB14-5 | Test Hole EB14 5 Ft | | | | | | | C D E |
| 22 | EB14-10 | 10 Ft | | | | | | | |
| 23 | EB14-15 | 15 Ft | | | | | | | |
| 24 | EB14-20 | 20 Ft | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED | |
|---|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A | 8260 Full |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B | 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C | 8315 Formaldehyde |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D | 4251 MBAS |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E | 350.2 Ammonia |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F | |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G | |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H | |
| 9 | Plastic bottle, 1 liter | D | None | I | |
| 10 | Other | E | Other | J | |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Ditmore CAS | DATE: 2/6/97 | TIME: 1600 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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Form: Vta.(7/93)

# CHAIN OF CUSTODY RECORD

23

4 of 4

| | | | |
|---|---|---|---|
| LABORATORY: CAPCO | LABORATORY LOCATION: Ventura | DATE: 2-6-97 | FUGRO No.: 9648-3411 |
| CLIENT: DHAL | PROJECT: | | |
| PROJECT MANAGER: M. Flak | SAMPLER (Signature): [signature] | | |

| Laboratory No. | Sample No. | Location and Description | Date | Time | Vessel Type | No. of Vessels | Sample Matrix | Preservation Method | Tests Required |
|---|---|---|---|---|---|---|---|---|---|
| 25 | EB15-5 | Test Hole EB15 5 Ft | 2-6-97 | | 3 | 2 | S | A | C D E |
| 26 | EB15-10 | 10 Ft | | | | | | | |
| 27 | EB15-15 | 15 Ft | | | | | | | |
| 28 | EB15-20 | 20 Ft | | | | | | | |
| | | END | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| VESSEL TYPE | | SAMPLE MATRIX | | TEST REQUIRED |
|---|---|---|---|---|
| 1 | Brass or stainless steel sleeve, 2½-inch diameter by 1, 3, 4, or 6 inches long | A | Air | A 8260 Full |
| 2 | Brass or stainless steel sleeve, 1¼-inch diameter by 4 inches long | S | Solid | B 8015 Fuel Fingerprint |
| 3 | Stainless steel sleeve, 1 inch diameter by 6 inches long | W | Water | C 8315 Formaldehyde |
| 4 | Amber glass bottle with Teflon lined screw cap, 1,000 milliliters | O | Other | D 4251 MBAS |
| 5 | Amber glass bottle with Teflon lined screw cap, 260 milliliters | PRESERVATION METHOD | | E 3502 Ammonia |
| 6 | Clear glass jar with Teflon lined screw cap, 4 or 6 ounces | A | Artificial ice | F |
| 7 | VOA vial, 40 milliliters | B | $NaHSO_4$ | G |
| 8 | Mason jar, 1 pint or 1 quart | C | $HNO_3$ | H |
| 9 | Plastic bottle, 1 liter | D | None | I |
| 10 | Other | E | Other | J |

| | | | |
|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE: | TIME: |
| RELINQUISHED BY: (Signature) | RECEIVED FOR LABORATORY BY: (Signature) Gena Dutmore CAS | DATE: 2/6/97 | TIME: 1600 |

METHOD OF SHIPMENT:

TURNAROUND TIME: 5 day

SAMPLE DISPOSAL: ☐ Return to FM ☐ Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS:

HANDLING INFORMATION

White - FM Copy Yellow - Laboratory Copy Pink - Return to FM with Results

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**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) February 13, 1997
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 970223 Job No: B01295
Date Received: 06-FEB-97 Sampled By: Client
Project: Dial 9648-3411 Sample ID: See Below

## RESULTS

On February 6, 1997, twenty-eight (28) samples were received for analysis by Capco Analytical Services Inc. The samples were identified and assigned the lab numbers listed below. On February 13, 1997 the results were mailed to you which excluded the results of the Formaldehyde Analysis which was subcontracted to Truesdail Labs. Enclosed are these results.

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB8-5 | 97022301 |
| EB8-10 | 97022302 |
| EB8-15 | 97022303 |
| EB8-20 | 97022304 |
| EB8-25 | 97022305 |
| EB8-30 | 97022306 |
| EB8-35 | 97022307 |
| EB8-40 | 97022308 |
| EB8-45 | 97022309 |
| EB12-5 | 97022310 |
| EB12-10 | 97022311 |
| EB12-15 | 97022312 |
| EB12-20 | 97022313 |
| EB12-25 | 97022314 |
| EB12-30 | 97022315 |

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

CAPCO Analytical Services, Inc.

**Capco Analytical Services Incorporated (CAS)**
**1536 Eastman Avenue, Suite B**
**Ventura, CA. 93003**
**(805) 644-1095**

Prepared For: Fugro (9648-3411) February 13, 1997
5855 Olivas Park Drive
Ventura, CA. 93003

**ATTENTION:** Michael Flack

Laboratory No: 970223 Job No: B01295
Date Received: 06-FEB-97 Sampled By: Client
Project: Dial 9648-3411 Sample ID: See Below

**RESULTS**

| SAMPLE DESCRIPTION | CAS LAB NUMBER |
|---|---|
| EB12-35 | 97022316 |
| EB4-5 | 97022317 |
| EB4-10 | 97022318 |
| EB4-15 | 97022319 |
| EB4-20 | 97022320 |
| EB14-5 | 97022321 |
| EB14-10 | 97022322 |
| EB14-15 | 97022323 |
| EB14-20 | 97022324 |
| EB15-5 | 97022325 |
| EB15-10 | 97022326 |
| EB15-15 | 97022327 |
| EB15-20 | 97022328 |

Dan A. Farah, Ph.D.
Director - Analytical Operations

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The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

# REPORT


## TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462


Capco Analytical
1536 Eastman Ave., B#
Ventura, CA 93003
Attn: Gena/Dottie

Date: February 20, 1997
Recv'd: February 10, 1997
Lab. No.: 600040
P.O. No.: 1778

Samples: Eight (8) soil samples labelled as shown in the table below.

Investigation: Analyze for formaldehyde by EPA Method 8315.

RESULTS

Date Received: 2/10/97
Date Extracted: 2/13/97
Date Analyzed: 2/19/97

**Milligrams per Kilograms**

| Soil Samples | Formaldehyde | Detection Limit |
|---|---|---|
| Method Blank | 2.4 | 2 |
| 970223-21 | 4.8 | 2 |
| 970223-22 | 23.6 | 2 |
| 970223-23 | ND | 2 |
| 970223-24 | 6.7 | 2 |
| 970223-25 | TR< 3.0 | 2 |
| 970223-26 | 14.3 | 2 |
| 970223-27 | TR< 3.6 | 2 |
| 970223-28 | ND | 2 |

ND-Not detected.
TR-Trace above method background.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Joe Bramblett, Manager
Instrumental Methods