

**Hare Gas Com D No. 1E**  
**Meter/Line ID – 93153**

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**SITE DETAILS**

|                                 |                 |                                   |                |
|---------------------------------|-----------------|-----------------------------------|----------------|
| <b>Legals - Twn: 29N</b>        | <b>Rng: 11W</b> | <b>Sec: 14</b>                    | <b>Unit: G</b> |
| <b>NMOCD Hazard Ranking: 30</b> |                 | <b>Land Type: Fee</b>             |                |
| <b>Operator: Cross Timbers</b>  |                 | <b>Pit Closure Date: 10/21/98</b> |                |

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**RATIONALE FOR CLOSURE**

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The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A Phase I excavation was conducted to 21 feet and a soil sample was collected for field headspace analysis and laboratory analysis for benzene, total BTEX, and TPH. Approximately 424.6 cubic yards of excavated material was removed for landfarming and sent to an OCD approved centralized site. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 56.8 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, a total BTEX concentration of <3 mg/kg, and a TPH concentration of 13 mg/kg.

El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over two years.
- The pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the test excavation.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, total BTEX and TPH concentrations were below required remediation levels.
- Excavated material has been removed from the pit, eliminating potential direct contact with livestock or the public.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.

**ATTACHMENT**

Field Pit Assessment Form  
Field Pit Remediation/Closure Form

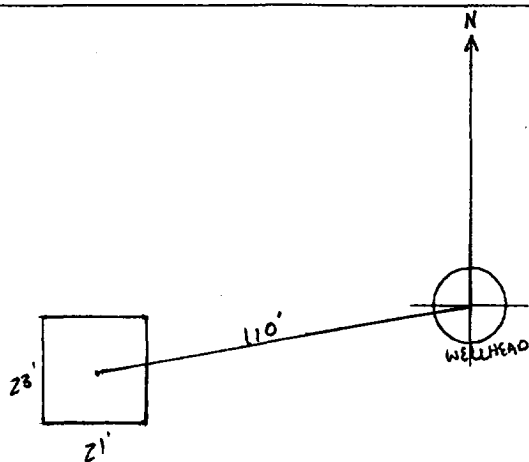
Laboratory Analytical Results

# FIELD PIT SITE ASSESSMENT FORM

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |     |                              |       |                              |     |                                         |        |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|------------------------------|-------|------------------------------|-----|-----------------------------------------|--------|
| GENERAL         | Meter: <u>93153</u> Location: <u>HARE GAS COM D#1E</u><br>Operator #: _____ Operator Name: <u>Cross Timbers P/L</u> District: _____<br>Coordinates: Letter: <u>G</u> Section <u>14</u> Township: <u>29</u> Range: <u>11</u><br>Or Latitude _____ Longitude _____<br>Pit Type: Dehydrator <u>X</u> Location Drip: _____ Line Drip: _____ Other: _____<br>Site Assessment Date: <u>4-21-98</u> Area: _____ Run: _____ |  |     |                              |       |                              |     |                                         |        |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |     |                              |       |                              |     |                                         |        |
| SITE ASSESSMENT | <b>NMOCD Zone:</b><br>(From NMOCD Maps)                                                                                                                                                                                                                                                                                                                                                                             |  |     |                              |       |                              |     |                                         |        |
|                 | <b>Land Type:</b> <table border="0"> <tr> <td>BLM</td> <td><input type="checkbox"/> (1)</td> </tr> <tr> <td>State</td> <td><input type="checkbox"/> (2)</td> </tr> <tr> <td>Fee</td> <td><input checked="" type="checkbox"/> (3)</td> </tr> <tr> <td>Indian</td> <td>_____</td> </tr> </table>                                                                                                                      |  | BLM | <input type="checkbox"/> (1) | State | <input type="checkbox"/> (2) | Fee | <input checked="" type="checkbox"/> (3) | Indian |
| BLM             | <input type="checkbox"/> (1)                                                                                                                                                                                                                                                                                                                                                                                        |  |     |                              |       |                              |     |                                         |        |
| State           | <input type="checkbox"/> (2)                                                                                                                                                                                                                                                                                                                                                                                        |  |     |                              |       |                              |     |                                         |        |
| Fee             | <input checked="" type="checkbox"/> (3)                                                                                                                                                                                                                                                                                                                                                                             |  |     |                              |       |                              |     |                                         |        |
| Indian          | _____                                                                                                                                                                                                                                                                                                                                                                                                               |  |     |                              |       |                              |     |                                         |        |
|                 | <b>Depth to Groundwater</b><br>Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1)<br>50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)<br>Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)                                                                                                                                                                                      |  |     |                              |       |                              |     |                                         |        |
|                 | <b>Wellhead Protection Area :</b><br>Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)                                                                                                                |  |     |                              |       |                              |     |                                         |        |
|                 | <b>Horizontal Distance to Surface Water Body</b><br>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)<br>200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2)<br>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)                                                                                                                                                              |  |     |                              |       |                              |     |                                         |        |
|                 | Name of Surface Water Body <u>CITIZENS IRRIGATION DITCH</u><br>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)                                                                                                                                                                                                                                       |  |     |                              |       |                              |     |                                         |        |
|                 | Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only)<br><input type="checkbox"/> (2) > 100'                                                                                                                                                                                                                                                                                  |  |     |                              |       |                              |     |                                         |        |
|                 | <b>TOTAL HAZARD RANKING SCORE:</b> <u>30</u> POINTS                                                                                                                                                                                                                                                                                                                                                                 |  |     |                              |       |                              |     |                                         |        |
| REMARKS         | Remarks : <u>LOCATION IS IN THE S.W. CORNER OF BURLINGTON RESOURCES VAL VERDE GAS PLANT. THE IRRIGATION DITCH MENTIONED ABOVE IS APPROXIMATELY 320-330 FEET AWAY.</u>                                                                                                                                                                                                                                               |  |     |                              |       |                              |     |                                         |        |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |  |     |                              |       |                              |     |                                         |        |

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 260° Footage from Wellhead 110'  
b) Length : 23' Width : 21' Depth : 3'



Remarks :

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Completed By:

Robert Champion

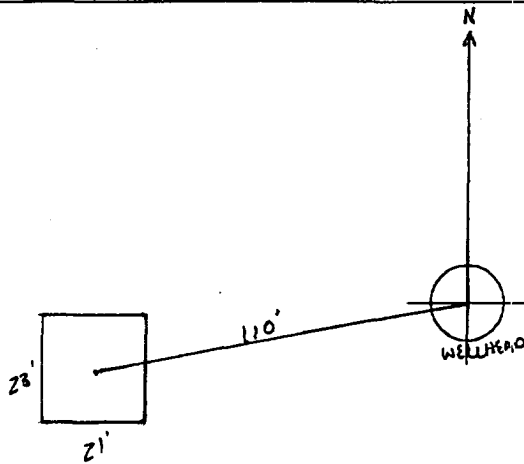
Signature

4.21.98

Date

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 260° Footage from Wellhead 110'  
b) Length : 23' Width : 21' Depth : 3'



Remarks :

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Completed By:

Robert Champion  
Signature

4.21.98  
Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 93153 Location: Hare Gas Com D#1E  
 Coordinates: Letter: G Section 14 Township: 29 Range: 11  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Date Started : 10-19-98 Area: \_\_\_\_\_ Run: \_\_\_\_\_

FIELD OBSERVATIONS

Sample Number(s): PRA-1  
 Sample Depth: 21' Feet  
 Final PID Reading 56.8 ppm PID Reading Depth 21' Feet  
 Yes No  
 Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth \_\_\_\_\_ Feet

CLOSURE

Remediation Method :

Excavation ☒ (1) Approx. Cubic Yards 424.6 cu.yds.  
 Onsite Bioremediation ☐ (2)  
 Backfill Pit Without Excavation ☐ (3)

Soil Disposition:

Envirotech ☒ (1) ☐ (3) Tierra  
 Other Facility ☐ (2) Name: \_\_\_\_\_

Pit Closure Date: 10-21-98 Pit Closed By: Philip Services

REMARKS

Remarks : Pit size - 26x21x21 Encountered sand stone  
at 14 feet. PID Readings (N-802 ppm) (S-131.0 ppm)  
(E-0.0 ppm) (W-7.5 ppm) (Bottom-5.0 ppm) (composite-56.8 ppm)

Signature of Specialist: Paul Archibald

**FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT**

**SAMPLE IDENTIFICATION**

|                            |                    |               |
|----------------------------|--------------------|---------------|
|                            | Field ID           | Lab ID        |
| SAMPLE NUMBER:             | PRA-1              | 980744        |
| MTR CODE   SITE NAME:      | 93153              | Hare GC D #1E |
| SAMPLE DATE   TIME (Hrs):  | 10/19/98           | 1503          |
| PROJECT:                   | Phase I Excavation |               |
| DATE OF TPH EXT.   ANAL.:  | 10/27/98           | 10/30/98      |
| DATE OF BTEX EXT.   ANAL.: | 10/22/98           | 10/26/98      |
| TYPE   DESCRIPTION:        | VG                 | SOIL          |

Field Remarks: Sample Depth - 21'

**RESULTS**

| PARAMETER      | RESULT | UNITS | QUALIFIERS |   |      |       |
|----------------|--------|-------|------------|---|------|-------|
|                |        |       | DF         | Q | M(g) | V(ml) |
| BENZENE        | <0.5   | MG/KG |            |   |      |       |
| TOLUENE        | <0.5   | MG/KG |            |   |      |       |
| ETHYL BENZENE  | <0.5   | MG/KG |            |   |      |       |
| TOTAL XYLENES  | <1.5   | MG/KG |            |   |      |       |
| TOTAL BTEX     | <3     | MG/KG |            |   |      |       |
| TPH (MOD.8015) | 13     | MG/KG |            |   |      |       |
| HEADSPACE PID  | 56.8   | PPM   |            |   |      |       |
| PERCENT SOLIDS | 87.4   | %     |            |   |      |       |

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 105.3 % for this sample All QA/QC was acceptable.  
Recovery:

DF = Dilution Factor Used

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



## CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

CONTRACT LABORATORY P. O. NUMBER

| PROJECT NUMBER<br># 24324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | PROJECT NAME<br>Pit Closure Project |  | DATE<br>10/14/98 |  | FIELD ID<br>PRA-1 |  | LAB ID<br>980744 |  | DATE<br>10/14/98 |  | TIME<br>1503 |  | MATRIX<br>Soil |  | TOTAL NUMBERS<br>OF CONTAINERS<br>1 |  | SAMPLE<br>TYPE<br>MDS-15 |  | EPA 418.1<br>X |  | BTEX<br>X |  | EPA 8020<br>X |  | LAB PID |  | Hemisphere<br>S.E. |  | SEQUENCE<br># 1 |  | REMARKS<br>Hase GC DIE. MC 93153 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|------------------|--|-------------------|--|------------------|--|------------------|--|--------------|--|----------------|--|-------------------------------------|--|--------------------------|--|----------------|--|-----------|--|---------------|--|---------|--|--------------------|--|-----------------|--|----------------------------------|--|
| <div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT NUMBER<br/># 24324</p> <p>PROJECT NAME<br/>Pit Closure Project</p> <p>DATE<br/>10/14/98</p> <p>FIELD ID<br/>PRA-1</p> <p>LAB ID<br/>980744</p> <p>DATE<br/>10/14/98</p> <p>TIME<br/>1503</p> <p>MATRIX<br/>Soil</p> </div> <div> <p>TOTAL NUMBERS<br/>OF CONTAINERS<br/>1</p> <p>SAMPLE<br/>TYPE<br/>MDS-15</p> <p>EPA 418.1<br/>X</p> <p>BTEX<br/>X</p> <p>LAB PID</p> <p>Hemisphere<br/>S.E.</p> <p>SEQUENCE<br/># 1</p> <p>REMARKS<br/>Hase GC DIE. MC 93153</p> </div> </div> |  |                                     |  |                  |  |                   |  |                  |  |                  |  |              |  |                |  |                                     |  |                          |  |                |  |           |  |               |  |         |  |                    |  |                 |  |                                  |  |

PROJECT NUMBER  
# 24324

PROJECT NAME  
Pit Closure Project

DATE  
10/14/98

FIELD ID  
PRA-1

LAB ID  
980744

DATE  
10/14/98

TIME  
1503

MATRIX  
Soil

TOTAL NUMBERS  
OF CONTAINERS  
1

SAMPLE  
TYPE  
MDS-15

EPA 418.1  
X

BTEX  
X

LAB PID

Hemisphere  
S.E.

SEQUENCE  
# 1

REMARKS  
Hase GC DIE. MC 93153

White - Testing Laboratory      Canary - EPNG Lab      Pink - Field Sampler

FM-08-0565 A (Rev. 05-94)

FAX: '99-2261

PINNACLE  
LABORATORIES

2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

Pinnacle Lab ID number 810086  
November 09, 1998

EL PASO FIELD SERVICES  
770 WEST NAVAJO  
FARMINGTON, NM 87401



Project Name PHASE I EXC.  
Project Number (none)

Attention: JOHN LAMBDIN

On 10/23/98 Pinnacle Laboratories, Inc. Inc., (ADHS License No. AZ0592), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

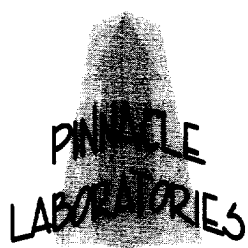
Kimberly D. McNeill  
Project Manager

H. Mitchell Rubenstein, Ph. D.  
General Manager

MR: mt

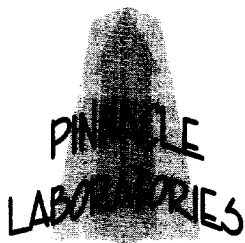
Enclosure

*Reviewed & Approved*  
*11/10/98*  
*J. Jarcher*



2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

|              |                          |               |            |
|--------------|--------------------------|---------------|------------|
| CLIENT       | : EL PASO FIELD SERVICES | PINNACLE ID   | : 810086   |
| PROJECT #    | : (none)                 | DATE RECEIVED | : 10/23/98 |
| PROJECT NAME | : PHASE I EXC.           | REPORT DATE   | : 11/9/98  |
| AEN          |                          |               | DATE       |
| ID. #        | CLIENT DESCRIPTION       | MATRIX        | COLLECTED  |
| 01           | 980744                   | NON-AQ        | 10/19/98   |



2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

### GAS CHROMATOGRAPHY RESULTS

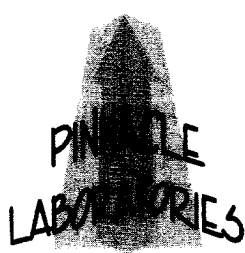
TEST : EPA 8021 MODIFIED  
CLIENT : EL PASO FIELD SERVICES  
PROJECT # : (none)  
PROJECT NAME : PHASE I EXC.

PINNACLE I.D.: 810086

| SAMPLE               |             | MATRIX       | DATE         | DATE        | DATE     | DIL.   |
|----------------------|-------------|--------------|--------------|-------------|----------|--------|
| ID. #                | CLIENT I.D. |              | SAMPLED      | EXTRACTED   | ANALYZED | FACTOR |
| 01                   | 980744      | NON-AQ       | 10/19/98     | 10/27/98    | 10/30/98 | 1      |
| PARAMETER            |             | DET. LIMIT   | UNITS        | 01          |          |        |
| BENZENE              |             | 0.025        | MG/KG        | < 0.025     |          |        |
| TOLUENE              |             | 0.025        | MG/KG        | < 0.025     |          |        |
| ETHYLBENZENE         |             | 0.025        | MG/KG        | < 0.025     |          |        |
| <b>TOTAL XYLENES</b> |             | <b>0.025</b> | <b>MG/KG</b> | <b>0.07</b> |          |        |
| METHYL-t-BUTYL ETHER |             | 0.13         | MG/KG        | < 0.13      |          |        |

SURROGATE:  
BROMOFLUOROBENZENE (%) 103  
SURROGATE LIMITS ( 65 - 120 )

CHEMIST NOTES:  
N/A



2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

# GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)  
CLIENT : EL PASO FIELD SERVICES  
PROJECT # : (none)  
PROJECT NAME : PHASE I EXC.

PINNACLE I.D.: 810086

| SAMPLE                            |             | MATRIX     | DATE         | DATE      | DATE     | DIL.   |
|-----------------------------------|-------------|------------|--------------|-----------|----------|--------|
| ID #                              | CLIENT I.D. |            | SAMPLED      | EXTRACTED | ANALYZED | FACTOR |
| 01                                | 980744      | NON-AQ     | 10/19/98     | 10/27/98  | 10/30/98 | 1      |
| PARAMETER                         |             | DET. LIMIT | UNITS        | 01        |          |        |
| FUEL HYDROCARBONS, C6-C10         |             | 10         | MG/KG        | < 10      |          |        |
| <b>FUEL HYDROCARBONS, C10-C22</b> |             | 5.0        | <b>MG/KG</b> | <b>13</b> |          |        |
| FUEL HYDROCARBONS, C22-C36        |             | 5.0        | MG/KG        | < 5.0     |          |        |
| CALCULATED SUM:                   |             |            |              | <b>13</b> |          |        |

SURROGATE:  
CEREPHENYL (%) 120  
SURROGATE LIMITS ( 66 - 151 )

CHEMIST NOTES:  
N/A

## CHAIN OF CUSTODY

DATE: 10/22/98 PAGE: 1 OF 1

AEN(NM) Accession #:

810086

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

| PROJECT MANAGER: John Lambdin                 |  | ANALYSIS REQUEST                                                                                    |  |
|-----------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|
| COMPANY: E1 Paso Field Services               |  | Petroleum Hydrocarbons (418.1) TRPH                                                                 |  |
| ADDRESS: 770 West Navajo Farmington, NM 87401 |  | (MOD.8015) Diesel/Direct Inject                                                                     |  |
| PHONE: (505) 599-2144                         |  | (M8015) Gas/Purge & Trap                                                                            |  |
| FAX: (505) 599-2261                           |  | 8021 (BTEX)/8015 (Gasoline)                                                                         |  |
| BILL TO: Above                                |  | 8021 (BTEX) <input type="checkbox"/> MTBE <input type="checkbox"/> TMB <input type="checkbox"/> PCE |  |
| COMPANY:                                      |  | 8021 (TCL)                                                                                          |  |
| ADDRESS:                                      |  | 8021 (EDX)                                                                                          |  |
|                                               |  | 8021 (HALO)                                                                                         |  |
|                                               |  | 8021 (CUST)                                                                                         |  |
|                                               |  | 504.1 EDB <input type="checkbox"/> / DBCP <input type="checkbox"/>                                  |  |
|                                               |  | 8260 (TCL) Volatile Organics                                                                        |  |
|                                               |  | 8260 (Full) Volatile Organics                                                                       |  |
|                                               |  | 8260 (CUST) Volatile Organics                                                                       |  |
|                                               |  | 8260 (Landfill) Volatile Organics                                                                   |  |
|                                               |  | Pesticides /PCB (608/8081)                                                                          |  |
|                                               |  | Herbicides (615/8151)                                                                               |  |
|                                               |  | Base/Neutral/Acid Compounds GC/MS (625/8270)                                                        |  |
|                                               |  | Polynuclear Aromatics (610/8310)                                                                    |  |
|                                               |  | General Chemistry:                                                                                  |  |
|                                               |  | Priority Pollutant Metals (13)                                                                      |  |
|                                               |  | Target Analyte List Metals (23)                                                                     |  |
|                                               |  | RCRA Metals (8)                                                                                     |  |
|                                               |  | RCRA Metals by TCLP (Method 1311)                                                                   |  |
|                                               |  | Metals:                                                                                             |  |
|                                               |  | NUMBER OF CONTAINERS                                                                                |  |

| PROJECT INFORMATION |              | PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS                                                                                |                                              | RELINQUISHED BY |       | RELINQUISHED BY    |       |
|---------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------|-------|--------------------|-------|
| PROJ NO:            |              | (RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK | (NORMAL) <input checked="" type="checkbox"/> | Signature:      | Time: | Signature:         | Time: |
| PROJ NAME:          | Phase I Exc. | CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER                 |                                              | Printed Name:   | Date: | Printed Name:      | Date: |
| P.O. NO:            |              | METHANOL PRESERVATION <input type="checkbox"/>                                                                                   |                                              | Company:        |       | Company:           |       |
| SHIPPED VIA:        | Fed Ex       | COMMENTS: FIXED FEE <input type="checkbox"/>                                                                                     |                                              | RECEIVED BY:    | Time: | RECEIVED BY: (LAB) | Time: |
| SAMPLE RECEIPT      |              |                                                                                                                                  |                                              | Signature:      |       | Signature:         |       |
| NO. CONTAINERS      | 1            |                                                                                                                                  |                                              | Printed Name:   |       | Printed Name:      |       |
| CUSTODY SEALS       | Y/N/NA       |                                                                                                                                  |                                              | Date:           |       | Date:              |       |
| RECEIVED INTACT     | Yes          |                                                                                                                                  |                                              | Company:        |       | Company:           |       |
| SHIP DATE           | 3/0          |                                                                                                                                  |                                              |                 |       |                    |       |

# EL PASO FIELD SERVICES LABORATORY

## EPA METHOD 8020 - BTEX

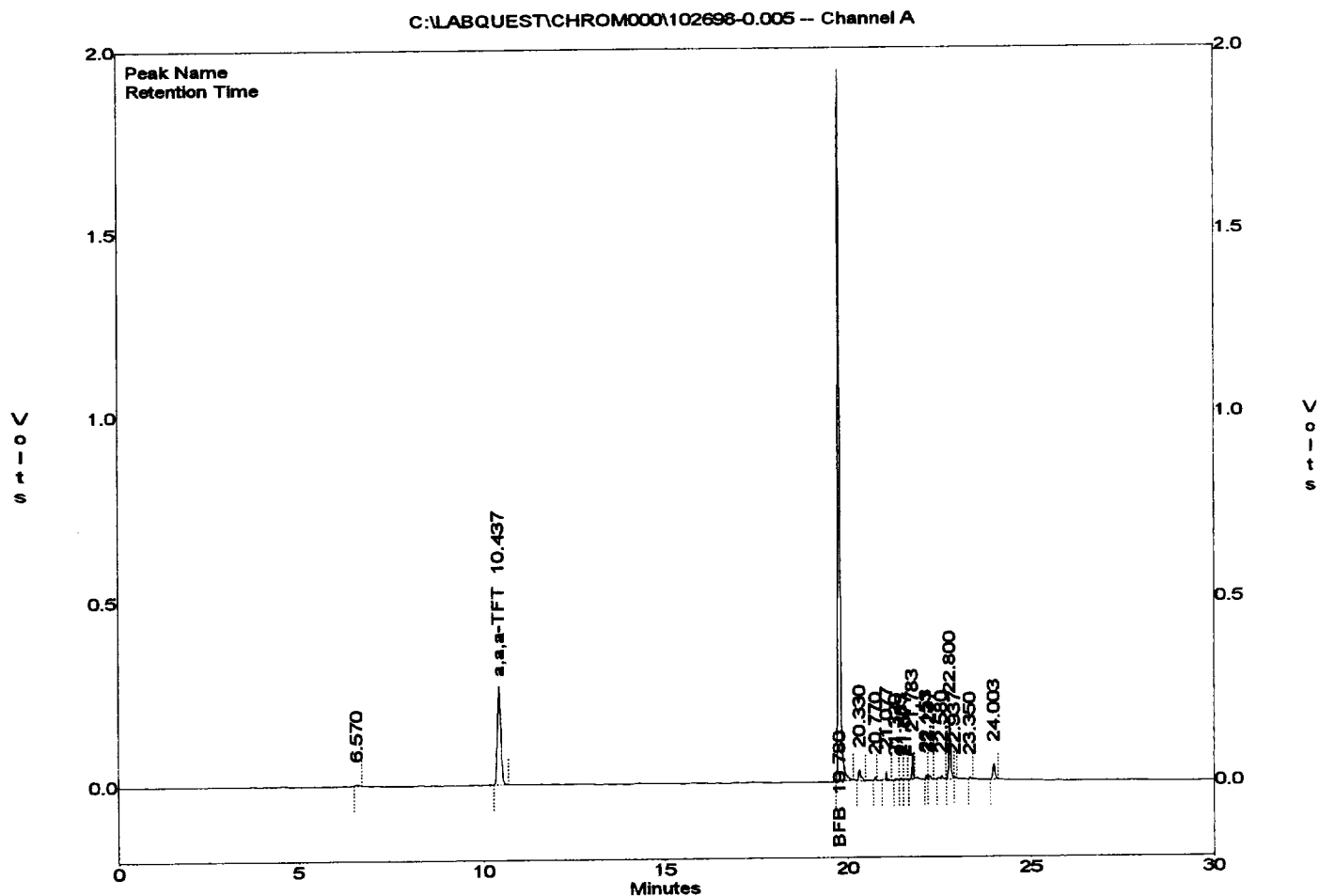
File : C:\LABQUEST\CHROM000\102698-0.005  
 Method : C:\LABQUEST\METHODS\0-070298.MET  
 Sample ID : 980744,5.18G,50U  
 Acquired : Oct 26, 1998 14:40:31  
 Printed : Oct 26, 1998 15:10:57  
 User : MARLON

### Channel A Results

| COMPONENT    | RET TIME | AREA    | CONC (ug/L) |
|--------------|----------|---------|-------------|
| BENZENE      | 8.240    | 0       | 0.0000      |
| a,a,a-TFT    | 10.437   | 1761562 | 99.8505     |
| TOLUENE      | 12.800   | 0       | 0.0000      |
| ETHYLBENZENE | 17.060   | 0       | 0.0000      |
| M,P-XYLENES  | 17.430   | 0       | 0.0000      |
| O-XYLENE     | 18.600   | 0       | 0.0000      |
| BFB          | 19.780   | 7442582 | 105.2610    |

### Channel A Group Results

| COMPONENT     | RET TIME | AREA | CONC (ug/L) |
|---------------|----------|------|-------------|
| TOTAL XYLENES |          | 0    | 0.0000      |



PROJECT \_\_\_\_\_

Cont d From Page \_\_\_\_\_

Sample Pan wt - Smp wt Pan + Dry Dry wt. % Solid

1/1/98

|            |                |      |       |      |        |
|------------|----------------|------|-------|------|--------|
| 980648     | 2.64 - 12.30 = | 9.66 | 11.70 | 9.06 | 93.8 % |
| 980649     | 2.64 - 11.37 = | 8.73 | 10.82 | 8.18 | 93.7   |
| 980649 dup | 2.63 - 11.20 = | 8.57 | 10.70 | 8.07 | 94.2   |
| 980650     | 2.64 - 11.10 = | 8.46 | 10.16 | 7.52 | 88.9   |
| 980651     | 2.63 - 12.48 = | 9.85 | 12.14 | 9.51 | 96.5   |
| 980652     | 2.62 - 11.47 = | 8.85 | 10.87 | 8.22 | 92.9   |

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|            |                |       |       |       |        |
|------------|----------------|-------|-------|-------|--------|
| 980660     | 2.64 - 11.41 = | 8.77  | 10.67 | 8.03  | 91.6 % |
| 980661     | 2.64 - 11.09 = | 8.45  | 10.62 | 7.98  | 94.4   |
| 980661 dup | 2.63 - 11.14 = | 8.51  | 10.64 | 8.01  | 94.1   |
| 980662     | 2.63 - 11.28 = | 8.65  | 10.92 | 8.29  | 95.8   |
| 980663     | 2.63 - 12.87 = | 10.24 | 12.44 | 9.81  | 95.8   |
| 980664     | 2.63 - 13.19 = | 10.56 | 13.16 | 10.53 | 99.7   |
| 980665     | 2.65 - 11.45 = | 8.80  | 10.65 | 8.00  | 90.9   |
| 980666     | 2.64 - 11.23 = | 8.59  | 10.54 | 7.90  | 92.0   |
| 980667     | 2.64 - 11.66 = | 9.02  | 11.32 | 8.68  | 96.2   |
| 980668     | 2.63 - 11.43 = | 8.80  | 10.63 | 8.00  | 90.9   |

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|            |                |      |       |      |        |
|------------|----------------|------|-------|------|--------|
| 980689     | 2.63 - 11.55 = | 8.92 | 10.75 | 8.12 | 91.0 % |
| 980689 dup | 2.63 - 11.39 = | 8.76 | 10.53 | 7.90 | 90.2   |
| 980690     | 2.63 - 11.45 = | 8.82 | 10.90 | 8.27 | 93.8   |
| 980732     | 2.64 - 11.22 = | 8.58 | 9.96  | 7.32 | 85.3   |

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|            |                |       |       |       |                        |
|------------|----------------|-------|-------|-------|------------------------|
| 980744     | 2.61 - 13.60 = | 10.99 | 12.22 | 9.61  | <del>89.9</del> 87.4 % |
| 980744 dup | 2.60 - 13.11 = | 10.51 | 11.74 | 9.14  | 87.0                   |
| 980745     | 2.64 - 12.47 = | 9.83  | 10.81 | 8.17  | 83.1                   |
| 980746     | 2.64 - 15.95 = | 13.31 | 15.95 | 13.31 | 100                    |
| 980747     | 2.61 - 12.15 = | 9.54  | 11.71 | 9.10  | 95.4                   |
| 980749     | 2.62 - 16.76 = | 14.14 | 16.75 | 14.13 | 99.9                   |
| 980750     | 2.63 - 15.45 = | 12.82 | 14.50 | 11.87 | 92.6                   |

Continued on Page

Read and Understood By

Signed

Date

Signed

Date

**BTEX SOIL SAMPLE WORKSHEET**

|                             |          |        |                                 |          |          |
|-----------------------------|----------|--------|---------------------------------|----------|----------|
| <b>File</b>                 | <b>:</b> | 980744 | <b>Date Printed</b>             | <b>:</b> | 10/27/98 |
| <b>Soil Mass (g)</b>        | <b>:</b> | 5.18   | <b>Multiplier (L/g)</b>         | <b>:</b> | 0.00097  |
| <b>Extraction vol. (mL)</b> | <b>:</b> | 10     | <b>CAL FACTOR (Analytical):</b> |          | 200      |
| <b>Shot Volume (uL)</b>     | <b>:</b> | 50     | <b>CAL FACTOR (Report):</b>     |          | 0.19305  |

|                                  | <b>DILUTION FACTOR:</b> | <b>1</b>                                 | <b>Det. Limit</b> |
|----------------------------------|-------------------------|------------------------------------------|-------------------|
| <b>Benzene (ug/L) :</b>          | <b>&lt;0.5</b>          | <b>Benzene (mg/Kg): #VALUE!</b>          | <b>0.483</b>      |
| <b>Toluene (ug/L) :</b>          | <b>&lt;0.5</b>          | <b>Toluene (mg/Kg): #VALUE!</b>          | <b>0.483</b>      |
| <b>Ethylbenzene (ug/L) :</b>     | <b>&lt;0.5</b>          | <b>Ethylbenzene (mg/Kg): #VALUE!</b>     | <b>0.483</b>      |
| <b>p &amp; m-xylene (ug/L) :</b> | <b>&lt;1.0</b>          | <b>p &amp; m-xylene (mg/Kg): #VALUE!</b> | <b>0.965</b>      |
| <b>o-xylene (ug/L) :</b>         | <b>&lt;0.5</b>          | <b>o-xylene (mg/Kg): #VALUE!</b>         | <b>0.483</b>      |
|                                  |                         | <b>Total xylenes (mg/Kg): #VALUE!</b>    | <b>1.448</b>      |
|                                  |                         | <b>Total BTEX (mg/Kg): #VALUE!</b>       |                   |