1628 TRIBUTE ROAD SUITE A
SACRAMENTO, CA 95815
916-649-3570
800-395-3570
FAX:( 916) 649-3819

March 12, 1996
Project No. 05-000428


Mr. Barney Chan
Hazardous Materials Inspector
Alameda County Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

ENVIRONMENTAL ENGINEERING

Subject: **Stockpiled Soil Sampling Results**
444 Hegenberger Road, Oakland, California

Dear Mr. Chan:

INDUSTRIAL HYGIENE

Northwest Envirocon, Incorporated (NWE) has prepared this letter to document the results of sampling of a soil stockpile at the subject property. It is estimated that 350 to 400 cubic yards of soil are currently stockpiled on the property. The origin of the soil stored on site is currently unknown, but it is evident from concrete footings still located on the property that a portion of the property was a retail gasoline service station at one time.

CONSTRUCTION MANAGEMENT

On February 16, 1996, NWE collected a total of 40 soil samples from the stockpile (5 samples for every 50 cubic yards of soil, assuming 400 cubic yards of stockpiled soil). The soil samples were collected by first excavating the upper 4 to 6 inches of soil at each sample location, then driving a soil sampling assembly containing a brass sample tube into fresh soil using a slide hammer. Immediately after sample collection, each sample was capped, sealed, and placed on ice. Samples were delivered to WEST Laboratory in Davis, California for compositing and analysis. Each composited soil sample was analyzed for concentrations of benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel, motor oil, and jet/kerosene, using EPA methods 8020/5030, modified 8015/purge and trap, and modified 8015/extraction, respectively. Results are tabulated below. Copies of certified laboratory reports are attached.

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL TRAINING

From 4/4/96 conv. w/ KG

8270 • Semivolatiles
8240
pesticides, Solvents, PCB's, metals

if surface soil:
1 composite: pesticide + PCBs
4: semivolatiles, solvents, metals

(5pt comp.)

no addtl analysis if site capped.

**Stockpiled Soil Sample Analytical Results**
444 Hegenberger Road
Oakland, California
(concentrations in milligrams per kilogram)

| Sample Number | TPHd[1] | TPHm[2] | TPHg[3] | Benzene | Toluene | Ethyl-benzene | Xylenes |
|---|---|---|---|---|---|---|---|
| 1-A-E | <30[4] | 330 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 2-A-E | <20[4] | 440 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 3-A-E | <20[4] | 170 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 4-A-E | <10[4] | 110 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 5-A-E | <10[4] | 240 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 6-A-E | 37[5] | 320 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 7-A-E | 21[5] | 280 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| 8-A-E | <10[4] | 180 | <1.0 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |

**TPHd[1]** - total petroleum hydrocarbons as diesel.
**TPHm[2]** - total petroleum hydrocarbons as motor oil. Lab reports contain the notation: "Oil range pattern is consistent with the presence of asphalt in the sample," for each sample reporting detectable concentrations of TPHm.
**TPHg[3]** - total petroleum hydrocarbons as gasoline.
[4] - Increased reporting limit due to oil range interference.
[5] - Not typical diesel.

After receipt of the laboratory results, NWE contacted Mr. Stewart Podolsky of WEST to discuss the results, especially the reported detection of TPHm. Mr. Podolsky indicated that the chromatograms of each sample indicated the presence of asphalt in the soil stockpile (even though quantified as motor oil on the lab reports, the pattern indicated the TPH was in the asphalt range). Mr. Podolsky indicated that asphalt will dissolve slowly in soil and if the stockpiled soil has been at the site for a while, it would not be surprising to detect the presence of asphalt in the soil samples. NWE personnel did note the presence of asphalt (along with bits of concrete and other materials) in the stockpiled soil. The field observations and laboratory results are consistent with the presence of asphalt, which may have been removed from the site at the same time the stockpiled soil was generated.

Since the stockpiled soil does not contain TPHg, or BTEX, and only contains TPHd at concentrations less than 50 milligrams per kilogram (mg/kg), NWE proposes that the stockpiled soil be used as backfill at the subject property. A portion of the stockpiled soil will be used to backfill a tank excavation (tank removal permits now pending with Alameda County) and the balance will be dispersed at locations on the site that are presently bare soil. Since the site

occupies a lot exceeding one acre in area, it is anticipated that the soil can be dispersed without creating mounds or slopes. NWE proposes to move the stockpiled soil at the same time as equipment is on site to remove the underground storage tanks, anticipated to be in late March or early April 1996.

Please call the undersigned if you have questions or need additional information.

Sincerely,

Dale A. van Dam

Dale A. van Dam, R.G.
Hydrogeologist

Attachments

cc: Ms. Sandra Hutson, The Edward Pike Company

WEST LABORATORY

February 28, 1996
Sample Log 14024

Mark Isbell
Northwest Envirocon, Inc.
1828 Tribute Road, Suite A
Sacramento, CA 95815

Subject: Analytical Results for 8 Soil Samples
Identified as: 444 Hegenberger (Proj. # 05-000428)
Received: 02/16/96
Purchase Order: SC960500104

Dear Mr. Isbell:

Analysis of the sample(s) referenced above has been completed. This report is written to confirm results communicated on February 28, 1996 and describes procedures used to analyze the samples.

Sample(s) were analyzed using the following method(s):

"BTEX" (EPA 8020/5030)
"TPH as Gasoline" (Modified EPA Method 8015/Purge-and-Trap)
"TPH as Diesel,Motor Oil,Jet/Kerosene" (Mod. 8015/Extraction)

Please refer to the following table(s) for summarized analytical results and contact us at 916-753-9500 if you have questions regarding procedures or results. The chain-of-custody document is enclosed.

Approved by:

Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024
14024-08

Sample: 2-A,B,C,D,E

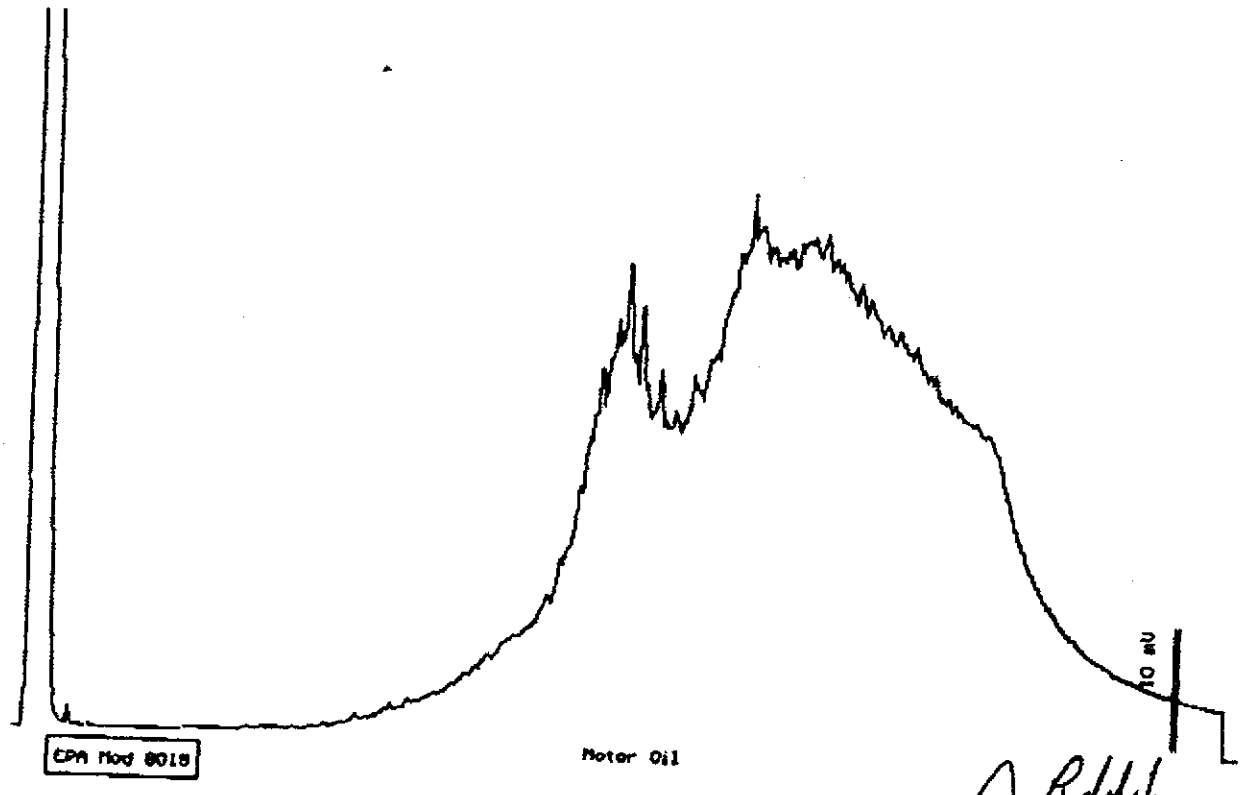
From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96
Dilution : 1:5
Matrix : Soil

QC Batch : DS960207
Run Log : 8323C

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (20) | <20 * |
| TPH as Motor Oil | (10) | 440 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Column : 0.53mm ID x 15m DBI (J&W Scientific)

Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-05

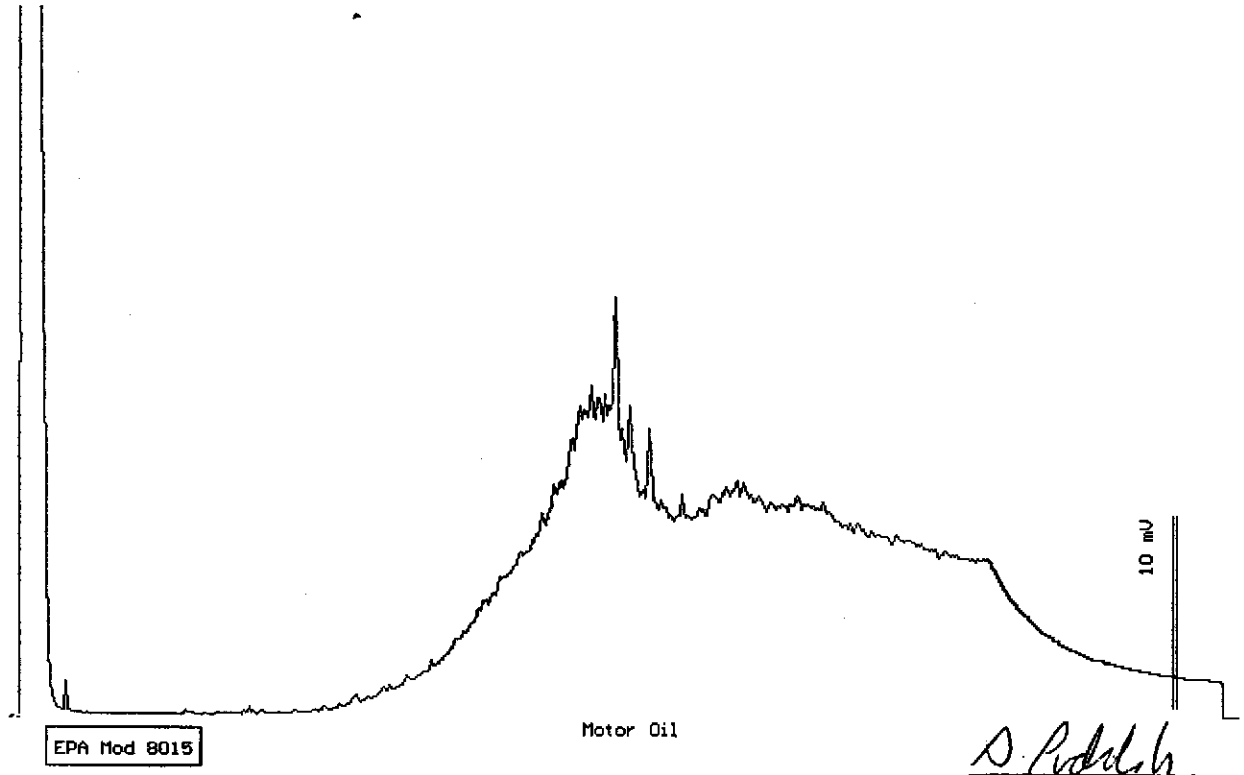
Sample: **3-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 8323C
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (20) | <20 * |
| TPH as Motor Oil | (10) | 170 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-06

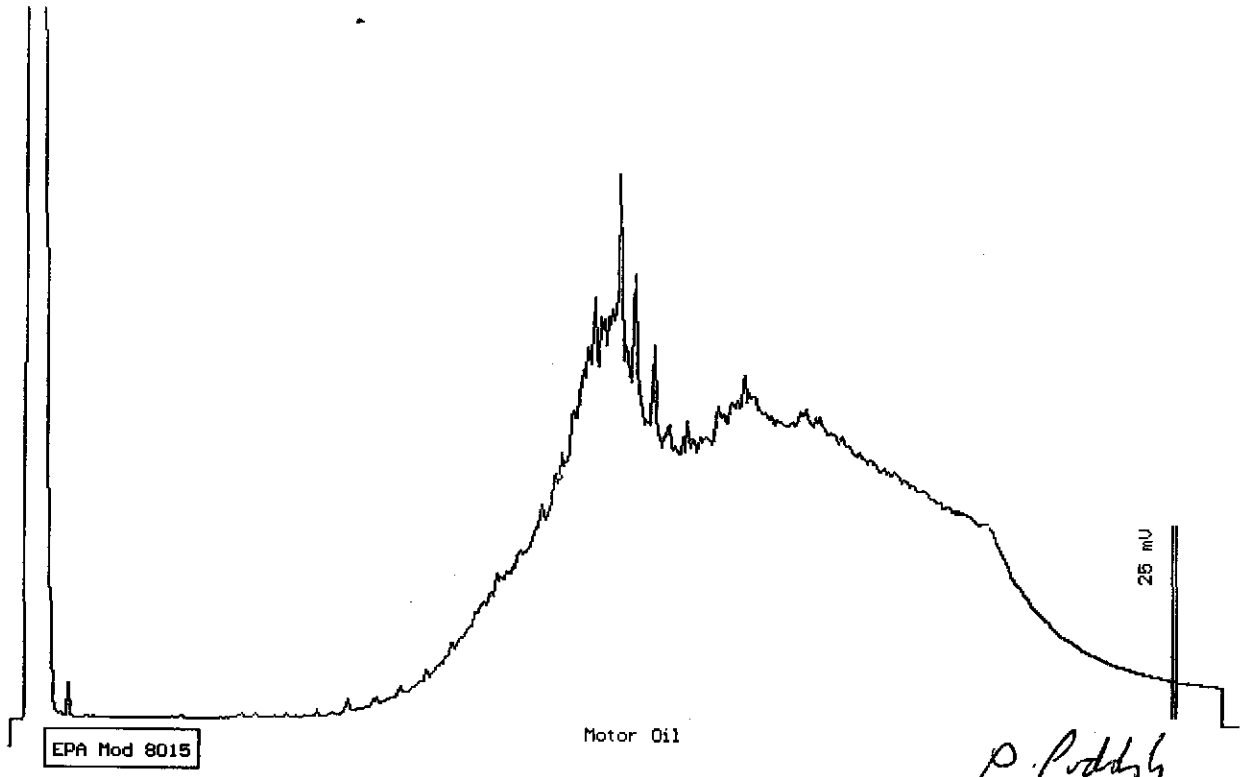
Sample: **4-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:1 Run Log : 7303F
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (10) | <10 * |
| TPH as Motor Oil | (10) | 110 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-03

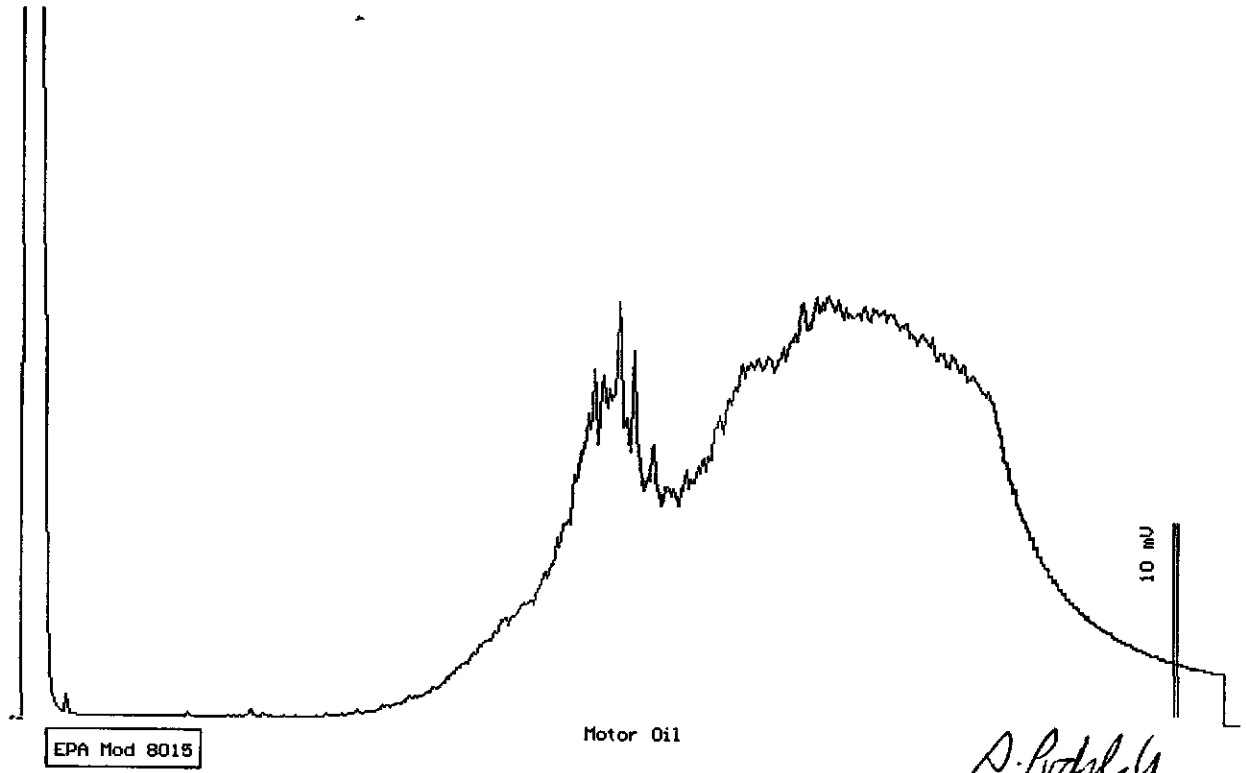
Sample: 5-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 8323C
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (10) | <10 * |
| TPH as Motor Oil | (10) | 240 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.




Date: 02-27-96 Time: 02:20:35
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

S. Podolsky

Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-04

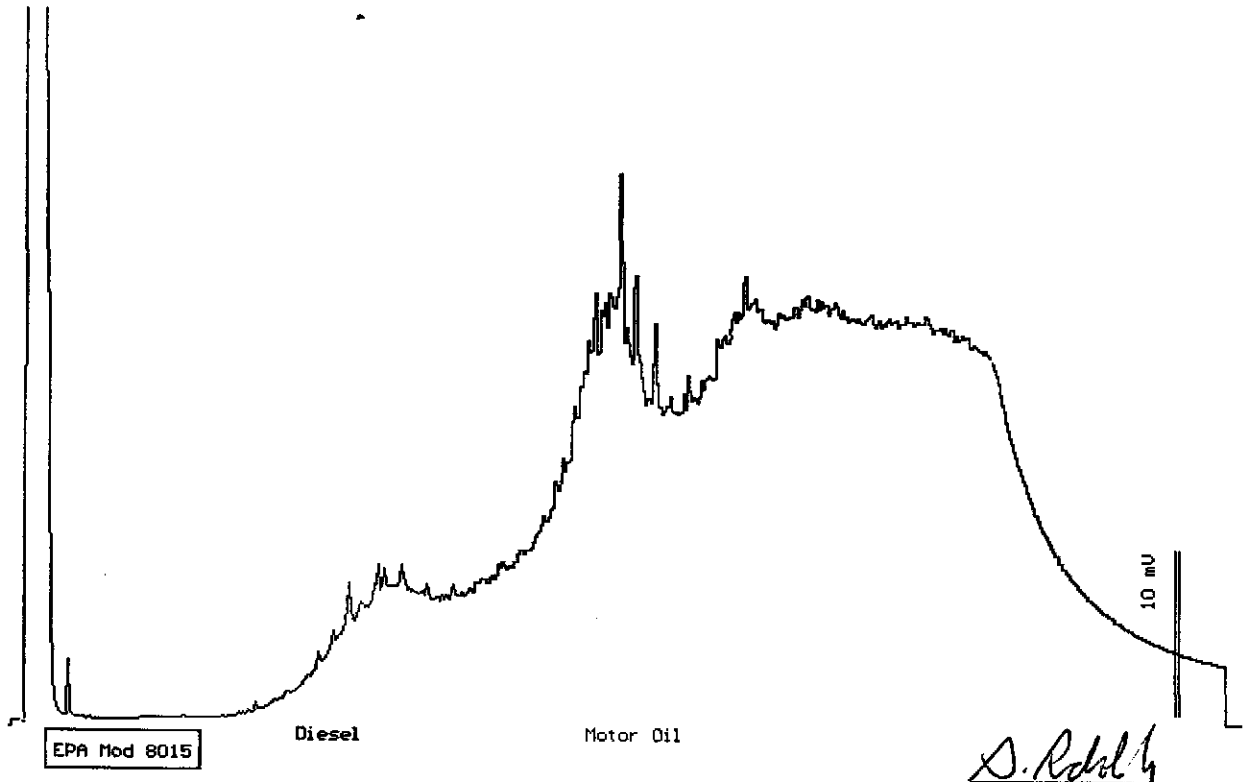
Sample: 6-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 7303E
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (5.0) | 37 * |
| TPH as Motor Oil | (10) | 320 |

* Not typical Diesel.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Column : 0.53mm ID X 15m Rtx-1 (Restek Corporation)

Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-01

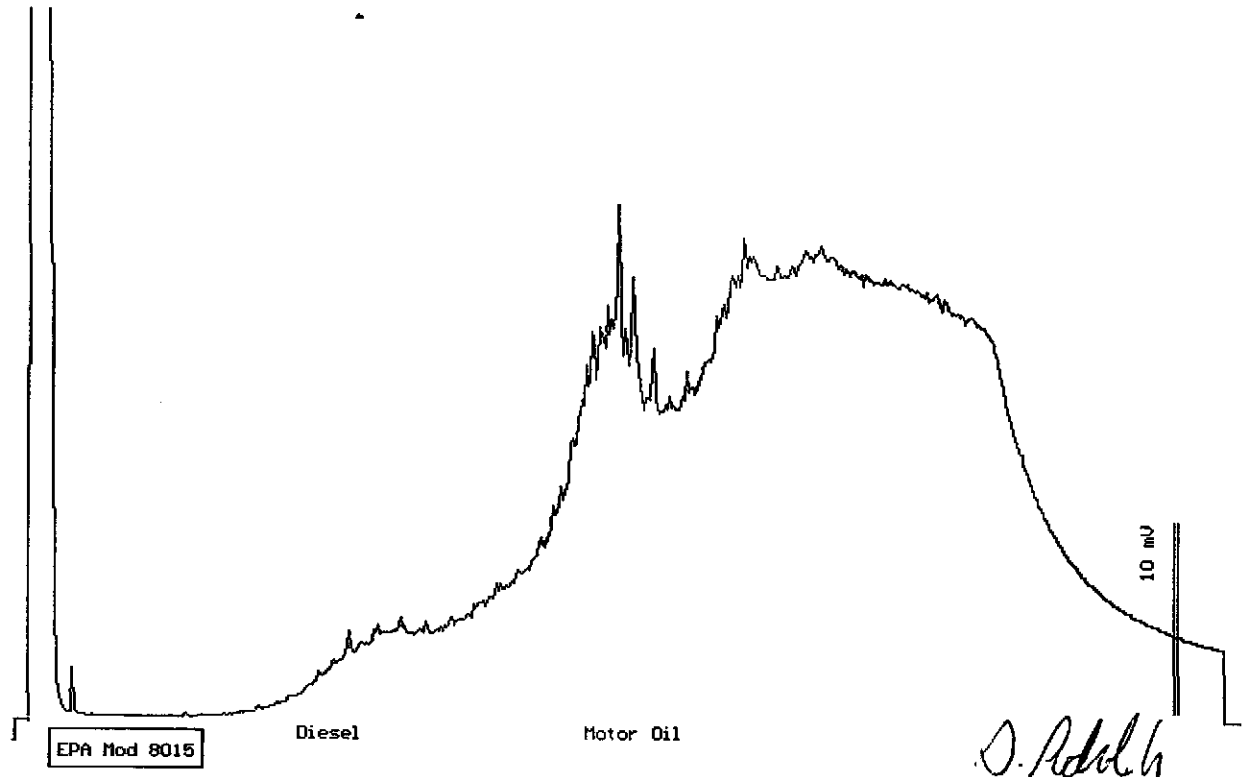
Sample: 7-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 7303F
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (5.0) | 21 * |
| TPH as Motor Oil | (10) | 280 |

* Not typical Diesel.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Stewart Podolsky
Senior Chemist

WEST LABORATORY

Sample Log 14024
14024-02

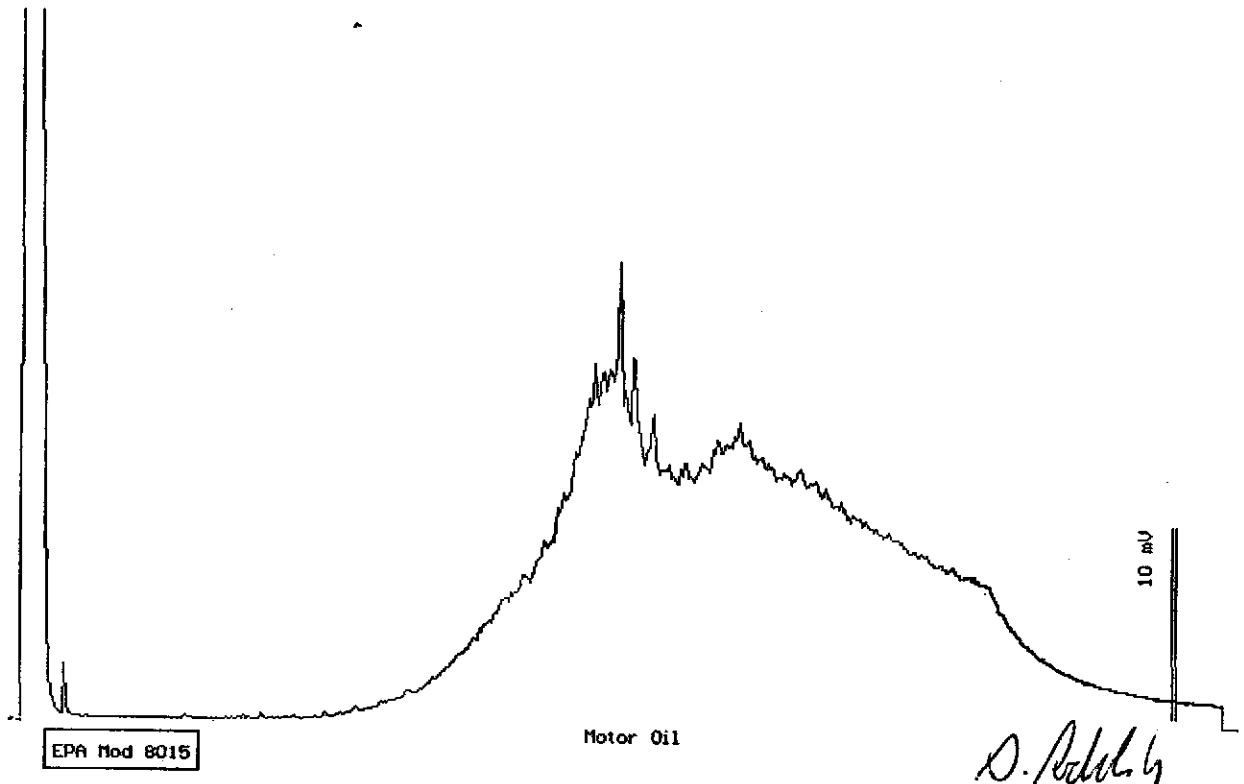
Sample: **8-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 8323C
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (10) | <10 * |
| TPH as Motor Oil | (10) | 180 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.

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Stewart Podolsky
Senior Chemist

WEST LABORATORY

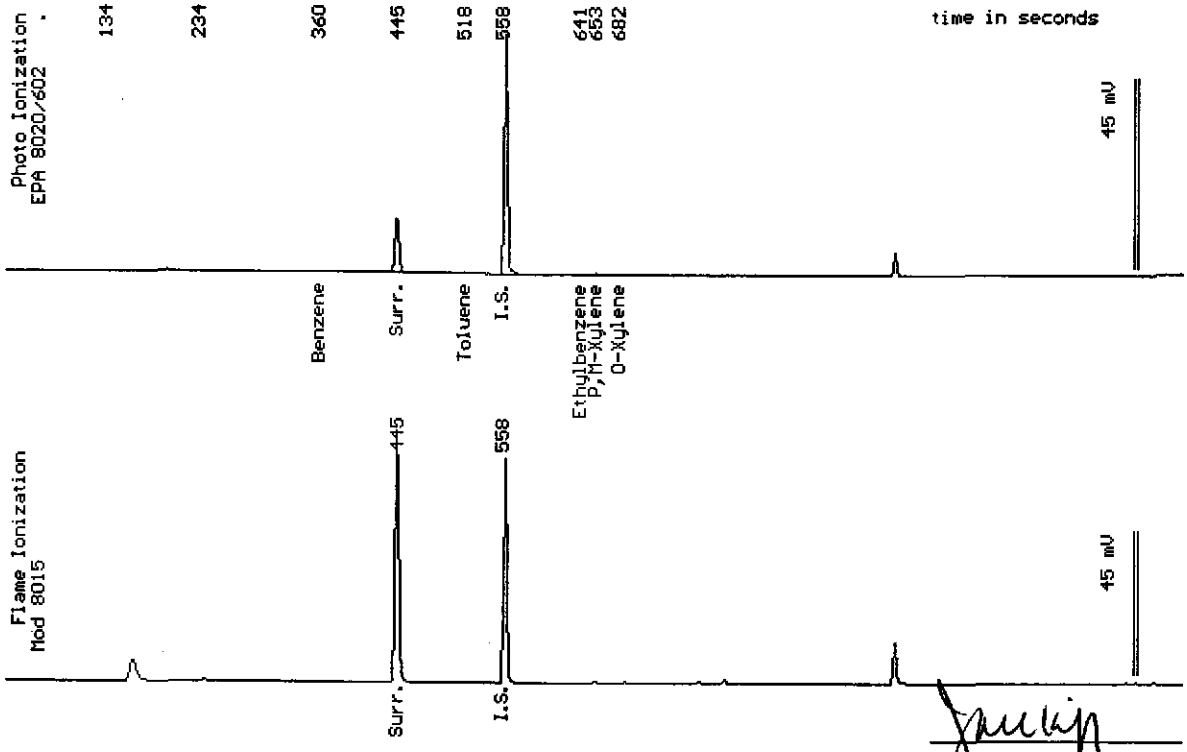
Sample Log 14024

14024-07

Sample: 1-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 107 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

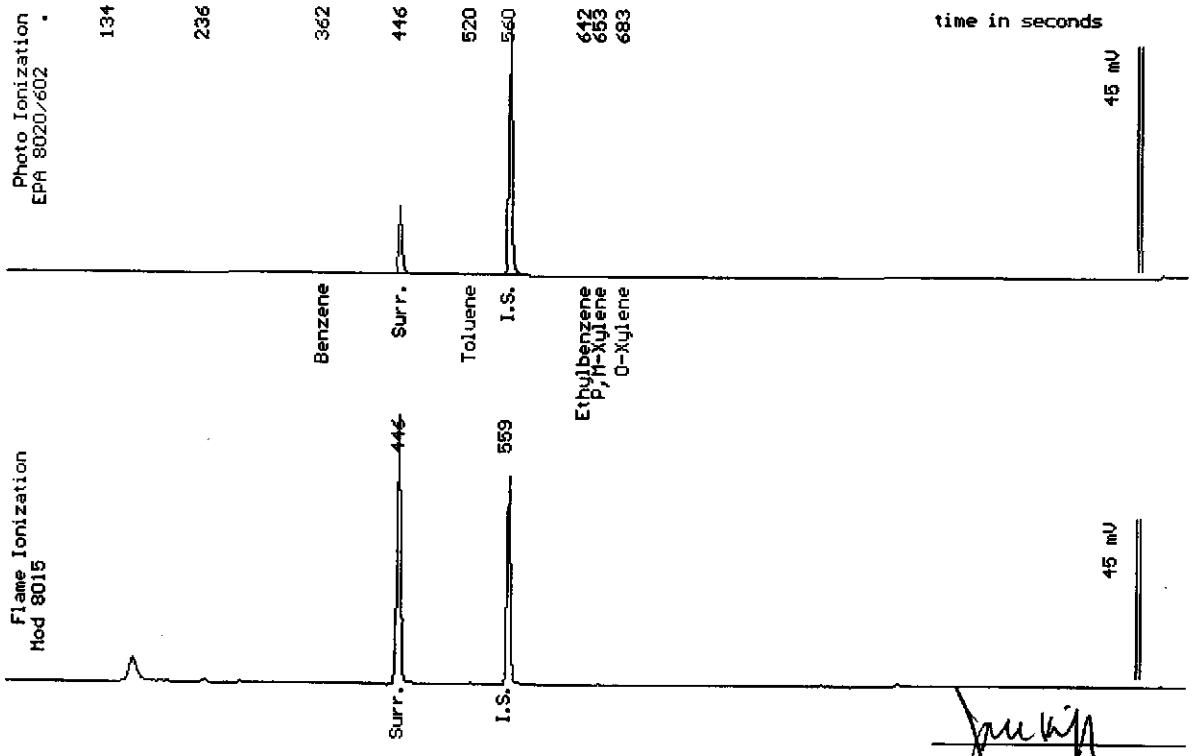
Sample Log 14024

14024-08

Sample: **2-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 99 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

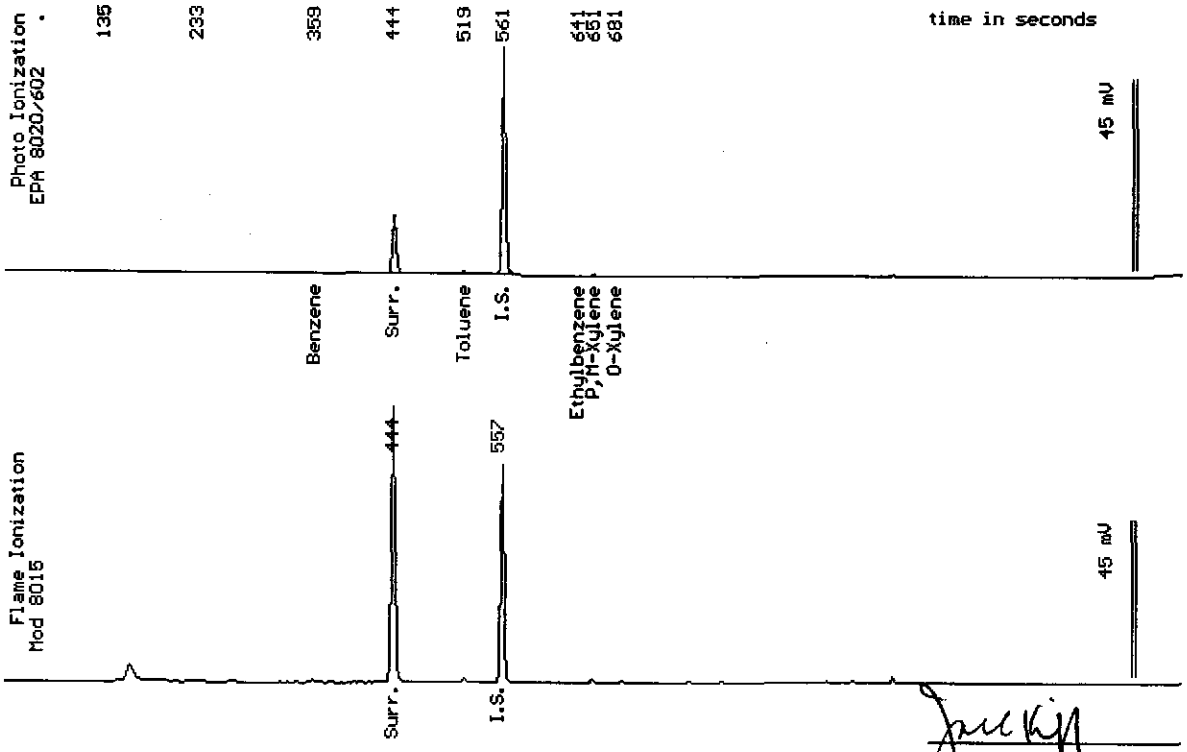
Sample Log 14024

14024-05

Sample: 3-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 105 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

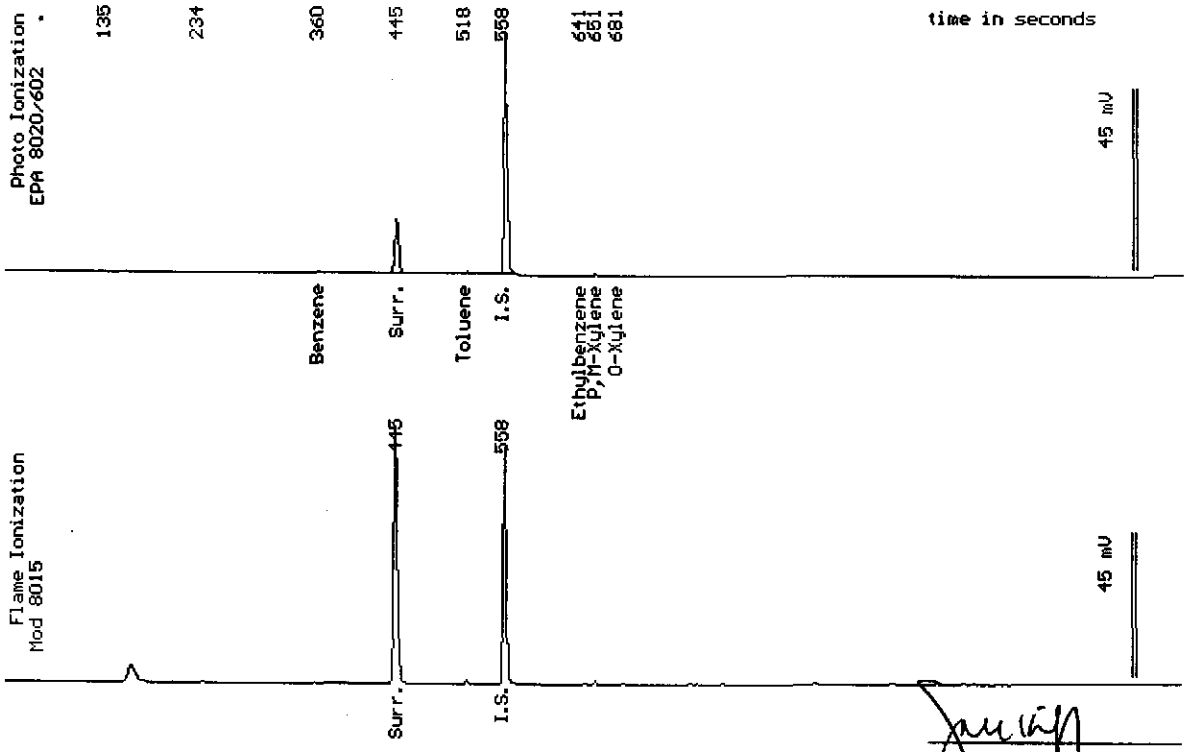
Sample Log 14024

14024-06

Sample: **4-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 104 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

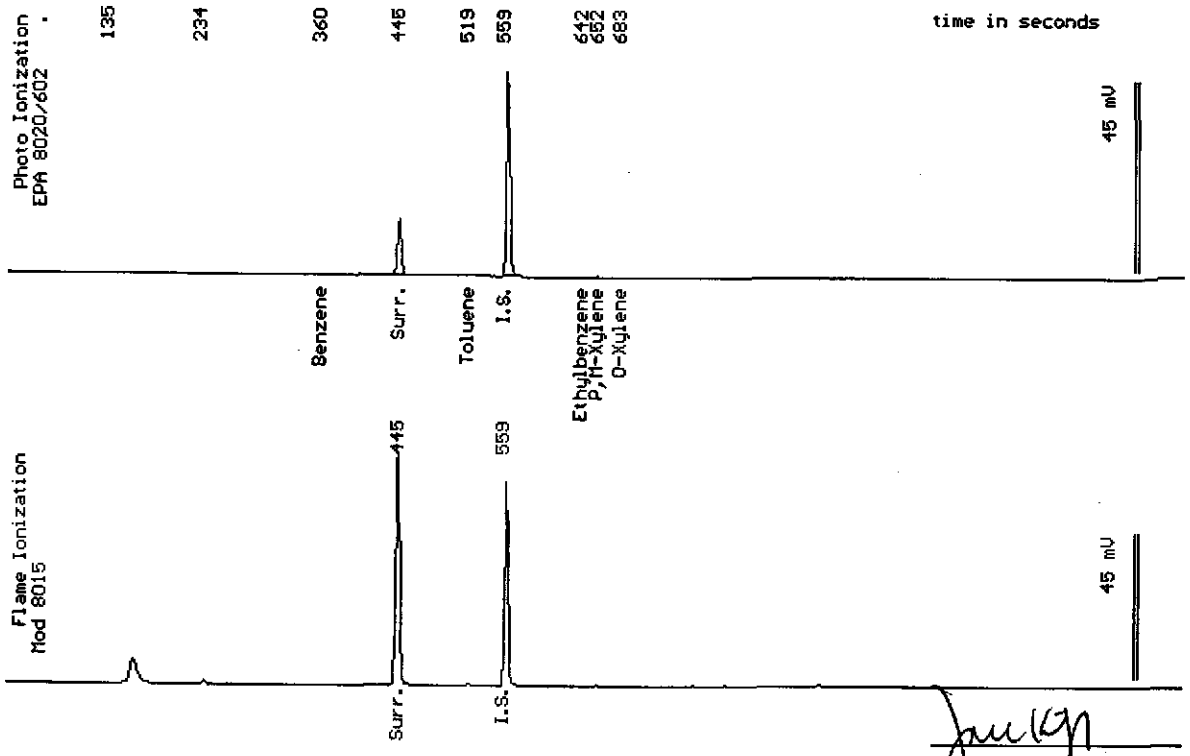
Sample Log 14024

14024-03

Sample: 5-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 104 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

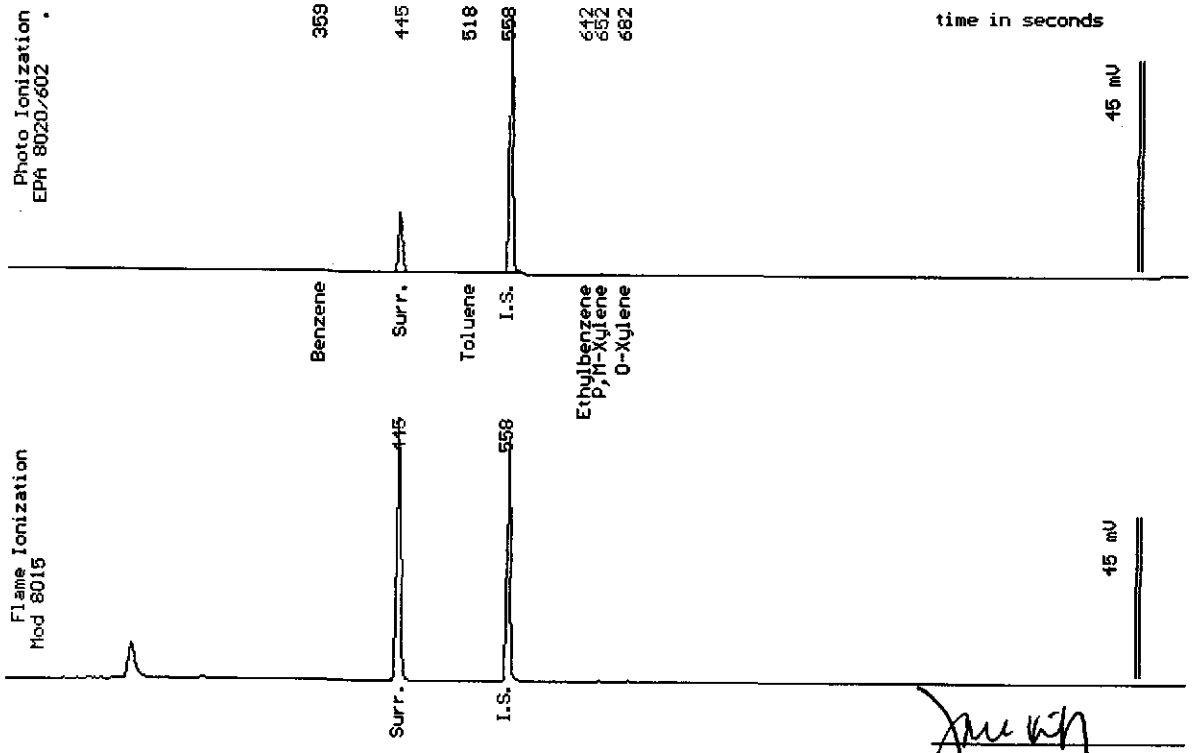
Sample Log 14024

14024-04

Sample: **6-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 104 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

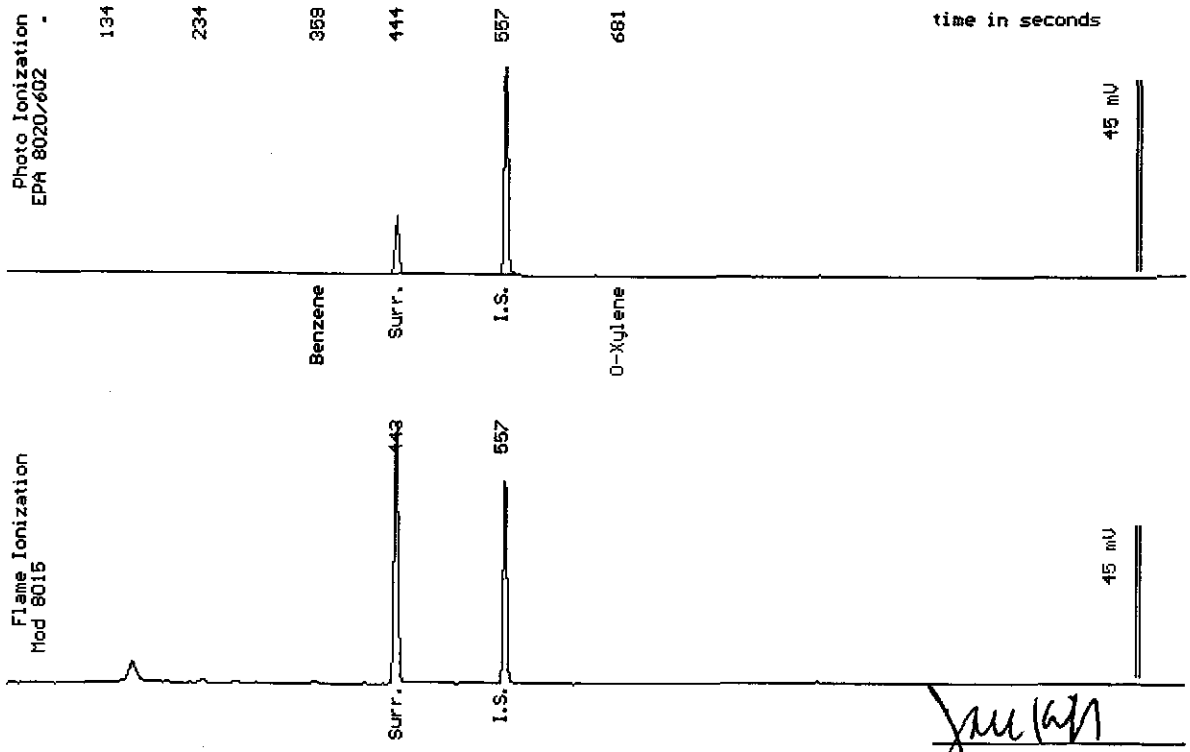
Sample Log 14024

14024-01

Sample: 7-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139c
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 102 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

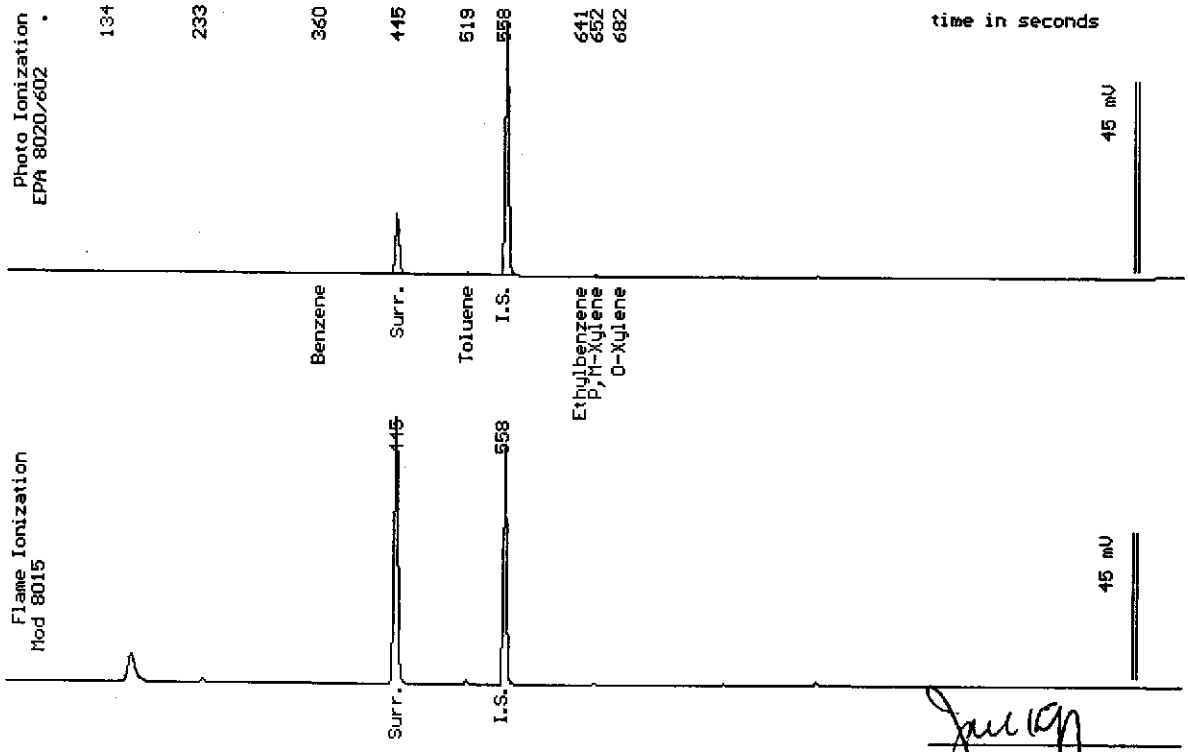
Sample Log 14024

14024-02

Sample: **8-A,B,C,D,E**

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Dilution : 1:1 QC Batch : 2139d
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| Benzene | (.0050) | <.0050 |
| Toluene | (.0050) | <.0050 |
| Ethylbenzene | (.0050) | <.0050 |
| Total Xylenes | (.0050) | <.0050 |
| TPH as Gasoline | (1.0) | <1.0 |
| Surrogate Recovery | | 105 % |




Date Analyzed: 02-27-96
Column : 0.53mm ID X 30m DBWAX (J&W Scientific)

Joel Kiff
Senior Chemist

WEST LABORATORY

Sample Log 14024

14024-07

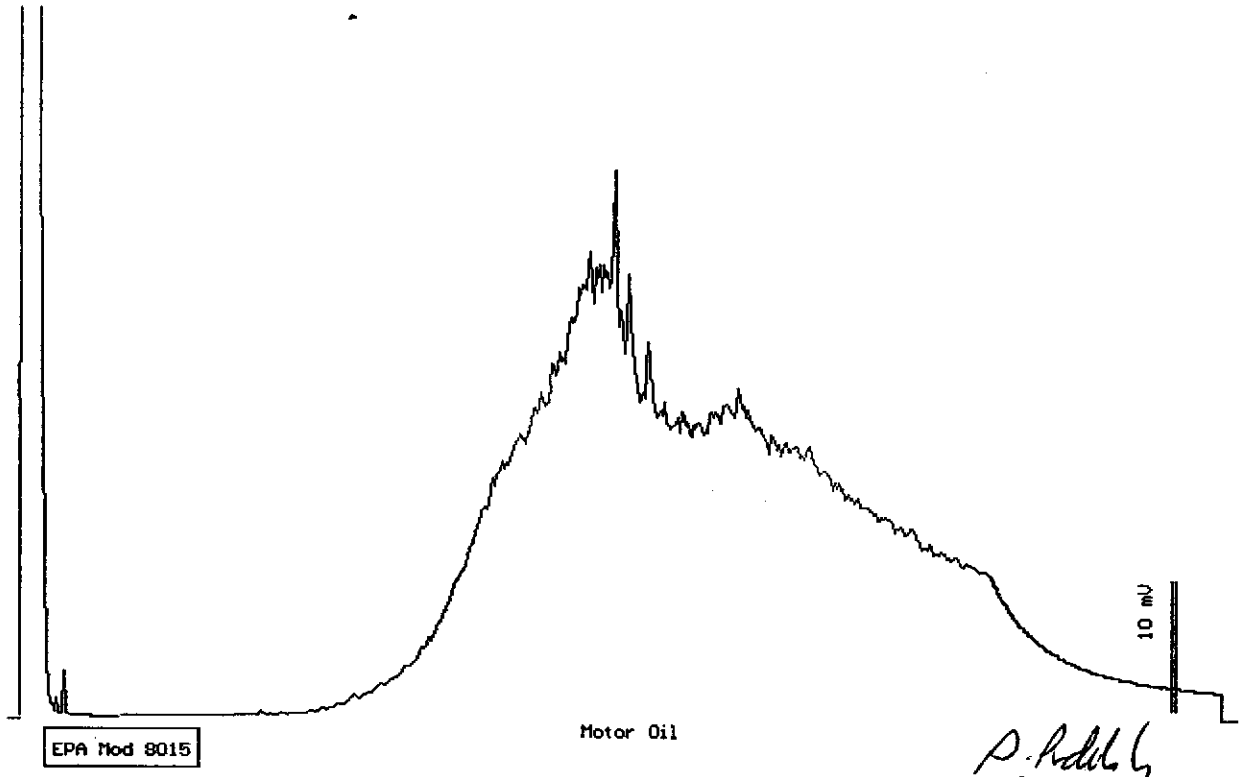
Sample: 1-A,B,C,D,E

From : 444 Hegenberger (Proj. # 05-000428)
Sampled : 02/16/96
Extracted: 02/26/96 QC Batch : DS960207
Dilution : 1:5 Run Log : 8323C
Matrix : Soil

| Parameter | (MRL) mg/kg | Measured Value mg/kg |
|---|---|---|
| TPH as Diesel | (30) | <30 * |
| TPH as Motor Oil | (10) | 330 |

* Increased reporting limit due to oil range interference.

Oil range pattern is consistent with the presence of asphalt in the sample.




Date: 02-27-96 Time: 04:01:25
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

Western Environmental Science & Technology

1046 Olive Drive, Suite 2
Davis, CA 95616

Phone#: 916-753-9500
Fax#: 916-753-6091
Sample Receiving#: 916-757-0920

# CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

1 of 4

Project Manager: Mark A. Isbell

Phone #: (916) 649-3570

Company/Address: WWE 1328 Tributa Rd Ste A Sac CA 95815 649-3819

FAX #:

Project Number: 05-000428

P.O.#:

Project Name: 444 Heyenbergen Rd

Project Location: 444 Heyenbergen Rd, Oakland CA

Sampler Signature: Mark A Isbell

## ANALYSIS REQUEST

TAT: 12 hour / 24 hour / 48 hour / 1 week / 2 weeks

For Lab Use ONLY

WEST Lab Number: 14024

| Sample ID | Sampling DATE | Sampling TIME | Container (Type/Amount) VOA | SLEEVE | 1L GLASS | 1L PLASTIC | Method Preserved HCl | $HNO_3$ | ICE | NONE | Matrix WATER | SOIL | BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/M8015) | TPH as Diesel (M8015) | TPH as Motor Oil (M8015) | EPA 601/8010 | EPA 608/8080 - Pesticides | EPA 608/8080 - PCB's | EPA 624/8240 | EPA 625/8270 | CAM - 17 Metals | LEAD(6010/7421/239.2) | Cd, Cr, Pb, Zn, Ni | W.E.T. | TOTAL | TAT: 12 hour / 24 hour / 48 hour / 1 week / 2 weeks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-A | 2/16/96 | 1220 | | X | | | | | X | | | X | | X | X | | | | | | | | | | | | X |
| 7-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-C Composite | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-D | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-C Composite | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-D | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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10-

20-

| Relinquished by: | Date | Time | Received by: |
|---|---|---|---|
| Mark A Isbell | 2/16/96 | 1400 | |
| Relinquished by: | Date | Time | Received by: |
| | | | |
| Relinquished by: | Date | Time | Received by Laboratory: |
| | 02/16/96 | 1400 | John Yeats |

Remarks: Composite Samples as indicated

Bill To:

WEST
Western Environmental Science & Technology

1046 Olive Drive, Suite 3
Davis, CA 95616

916-753-9500
FAX #: 916-753-6091
LAB#: 916-757-4650

# CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

2 of 4

14024

Project Manager: Mark A. Isbell
Phone #: (916) 649-3570
Company/Address: NWE 1928 Tribute Rd Ste A Sac CA
FAX #: 649-3919
Project Number: 05000428
P.O.#:
Project Name: 444 Heyenbergen Rd
Project Location: 444 Heyenbergen Rd, Oakland CA
Sampler Signature: Mark A. Isbell

| Sample ID | Sampling DATE | Sampling TIME | Container VOA | Container SLEEVE | Container 1L GLASS | Container 1L PLASTIC | Method Preserved HCl | Method Preserved $HNO_3$ | Method Preserved ICE | Method Preserved NONE | Matrix WATER | Matrix SOIL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-A | 2/16/96 | 1215 | | X | | | | | X | | | X |
| 5-B | | | | | | | | | | | | |
| 5-C (Composite) | | | | | | | | | | | | |
| 5-D | | | | | | | | | | | | |
| 5-E | | | | | | | | | | | | |
| 6-A | | | | | | | | | | | | |
| 6-B | | | | | | | | | | | | |
| 6-C (Composite) | | | | | | | | | | | | |
| 6-D | | | | | | | | | | | | |
| 6-E | " | " | | | | | | | | | | |

ANALYSIS REQUEST

| BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/8015) | TPH as Diesel/Oil (8015) | Total Oil & Grease (5520 B/E,F) | Total Oil & Grease IR (5520 B/E,F,C) | 96 - Hour Fish Bioassay | EPA 601/8010 | EPA 602/8020 | EPA 615/8150 | EPA 608/8080 - Pesticides | EPA 608/8080-PCBs | EPA 624/8240 | EPA 625/8270 | ORGANIC LEAD | Reactivity, Corrosivity, Ignitibility | W.E.T. (Y) / TOTAL (Y) | CAM - 17 Metals | EPA - Priority Pollutant Metals | LEAD(7420/7421/239.2) | Cd, Cr, Pb, Zn, Ni | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | X | X | | | | | | | | | | | | | | | | | | |
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TAT

| RUSH SERVICE (12 hr) or (24 hr) | EXPEDITED SERVICE (48 hr) or (1 wk) | STANDARD SERVICE (2wk) |
|---|---|---|
| | | X |

| Relinquished by: | Date | Time | Received by: |
|---|---|---|---|
| Mark A. Isbell | 2/16/96 | 1400 | |
| Relinquished by | Date | Time | Received by: |
| | | | |
| Relinquished by | Date | Time | Received by Laboratory: |
| | 02/16/96 | 1400 | John Mady |

Remarks: Composite Samples as indicated

Bill To:

WEST
Western Environmental Science & Technology

1046 Olive Drive, Suite 3
Davis, CA 95616

916-753-9500
FAX #: 916-753-6091
LAB#: 916-757-4650

# CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

3 of 4

14024

| | |
|---|---|
| Project Manager: Mark A. Isbell | Phone #: (916) 649-3570 |
| Company/Address: NWE 1828 Tribute Rd Ste A Sac CA 95811 | FAX #: 649-3819 |
| Project Number: 05-000428 | P.O.#: |
| Project Name: 444 Hegenberger Rd | |
| Project Location: 444 Hegenberger Rd, Oakland CA | Sampler Signature: Mark A Isbell |

| Sample ID | Sampling DATE | Sampling TIME | Container VOA | Container SLEEVE | Container 1L GLASS | Container 1L PLASTIC | Method Preserved HCl | Method Preserved $HNO_3$ | Method Preserved ICE | Method Preserved NONE | Matrix WATER | Matrix SOIL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-A | 2/16/96 | 1150 | | X | | | | | X | | | X |
| 3-B | | | | | | | | | | | | |
| 3-C (Composite) | | | | | | | | | | | | |
| 3-D | | | | | | | | | | | | |
| 3-E | | | | | | | | | | | | |
| 4-A | | | | | | | | | | | | |
| 4-B | | | | | | | | | | | | |
| 4-C (Composite) | | | | | | | | | | | | |
| 4-D | | | | | | | | | | | | |
| 4-E | | | | | | | | | | | | |

50'

90'

ANALYSIS REQUEST

| BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/8015) | TPH as Diesel/Oil (8015) | Total Oil & Grease (5520 B/E,F) | Total Oil & Grease IR (5520 B/E,F,C) | 96 - Hour Fish Bioassay | EPA 601/8010 | EPA 602/8020 | EPA 615/8150 | EPA 608/8080 - Pesticides | EPA 608/8080-PCBs | EPA 624/8240 | EPA 625/8270 | ORGANIC LEAD | Reactivity, Corrosivity, Ignitibility | W.E.T. (✓) / TOTAL (✓) CAM - 17 Metals | EPA - Priority Pollutant Metals | LEAD(7420/7421/239.2) | Cd, Cr, Pb, Zn, Ni |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | X | X | | | | | | | | | | | | | | | | |

TAT

| RUSH SERVICE (12 hr) or (24 hr) | EXPEDITED SERVICE (48 hr) or (1 wk) | STANDARD SERVICE (2wk) |
|---|---|---|
| | | X |

| Relinquished by: | Date | Time | Received by: |
|---|---|---|---|
| Mark A Isbell | 2/16/96 | 1400 | |
| Relinquished by | Date | Time | Received by: |
| | | | |
| Relinquished by | Date | Time | Received by Laboratory: |
| | 02/16/96 | 1400 | John Mast |

Remarks:
* Composite Samples as indicated

Bill To:

Western Environmental Science & Technology

1046 Olive Drive, Suite 2
Davis, CA 95616

Phone#: 916-753-9500
Fax#: 916-753-6091
Sample Receiving#: 916-757-0920

# CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

4 of 4

Project Manager: Mark A. Ishell
Phone #: (916) 649-3570
Company/Address: NWE 1828 Tribute Rd, Ste A Sac, CA 95815
FAX #: 649-3819
Project Number: 05-000428
P.O.#:
Project Name: 444 Hegenberger Rd
Project Location: 444 Hegenberger Rd, Oakland, CA
Sampler Signature: Mark A. Ishell

ANALYSIS REQUEST

TAT: 12 hour / 24 hour / 48 hour / 1 week / 2 weeks

For Lab Use ONLY: WEST Lab Number 14024

| Sample ID | Sampling DATE | Sampling TIME | Container (Type/Amount) VOA | SLEEVE | 1L GLASS | 1L PLASTIC | Method Preserved HCl | $HNO_3$ | ICE | NONE | Matrix WATER | SOIL | BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/M8015) | TPH as Diesel (M8015) | TPH as Motor Oil (M8015) | EPA 601/8010 | EPA 608/8080 - Pesticides | EPA 608/8080 - PCB's | EPA 624/8240 | EPA 625/8270 | CAM - 17 Metals | LEAD(6010/7421/239.2) | Cd, Cr, Pb, Zn, Ni | W.E.T. | TOTAL | TAT: 12 hour / 24 hour / 48 hour / 1 week / 2 weeks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-A | 2/16/96 | 1030 | | X | | | | | X | | | X | | X | X | | | | | | | | | | | | X |
| 1-B | | 1040 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-C (Composite) | | 1050 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-D | | 1100 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-E | | 1110 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-A | | 1120 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-B | | 1125 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-C (Composite) | | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-D | | 1135 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-E | | 1142 | | | | | | | | | | | | | | | | | | | | | | | | | |
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10'
10'

| Relinquished by: | Date | Time | Received by: |
|---|---|---|---|
| Mark A. Ishell | 2/16/96 | 1400 | |
| Relinquished by: | Date | Time | Received by: |
| | | | |
| Relinquished by: | Date | Time | Received by Laboratory: |
| | 02/16/96 | 1400 | John Mosby |

Remarks:

Bill To: