



FACSIMILE COVER SHEET

CHEVRON U.S.A. PRODUCTS COMPANY
MARKETING - NORTHWEST REGION



Mailing Address : Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804
(Street - 2410 Camino Ramon)

Date : <u>8-24-92</u>		Fax Number : <u>510 589-4757</u>	
To : <u>SUSAN HUGO - ALAMEDA CO. ENVIRONMENTAL HEALTH</u>			
From : Kenneth Kan Site Assessment & Remediation Group	Phone Number	Room / Building	
	(510) 842-8752	A-02 / 2410	
Subject : <u>WASTE OIL TANK RESULTS FOR CHEVRON STATION</u> <u>9-1740 OAKLAND</u>			
Remarks : <u>ATTACHED ARE THE RESULTS.</u> <u>LET'S HAVE A CONFERENCE CALL WITH YOU, LARRY SOTO,</u> <u>GORDON JOHNSON, AND MYSELF TOMORROW (AUGUST 25)</u> <u>AT 9:00 AM. IF THIS IS NOT POSSIBLE, CALL ME.</u> <u>THANKS.</u>			

Number of Pages Including Cover Sheet 22

To Reply By Facsimile - Dial (510) 842-9591



FACSIMILE TRANSMITTAL

DATE: 8/24/92

TO: Ken Kam 510-842-8252
Chevron

FROM: Jul Kuff

NUMBER OF PAGES (including cover): 21

COMMENTS:
Partial results as requested.



August 24, 1992
 Sample Log 4900
 4900-7

Sample: ~~91-10~~

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

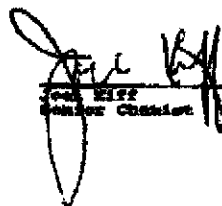
Matrix : Soil

Received : 08/20/92

Analyzed : 08/23/92

8810 • Halogenated Volatile Organics

Parameter	(MDL) _{ug/kg}	Measured Value _{ug/kg}	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethane	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(.005)	<.005	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.001)	<.001	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	<.001	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	<.001	


 Joe Riff
 Senior Chemist



August 24, 1992
 Sample Log 4900
 4300-6

Sample XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

SOIL - Halogenated Volatile Organics

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(0.05)	<0.05	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.001)	<.001	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	<.001	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	<.001	


 Paul Witt
 Senior Chemist

WESTAugust 24, 1992
Sample Log 4900

4900-6

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

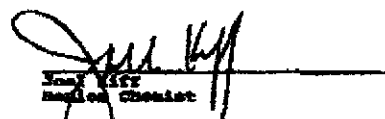
Received : 08/20/92

Matrix

Analyzed : 08/23/92

Halogenated Volatile Organics

Parameter	(MDL) <small>ug/lug</small>	Measured Value <small>ug/lug</small>	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(0.05)	<0.05	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.001)	<.001	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	<.001	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	<.001	



 ANALYST
 ANALYTICAL CHEMIST

WEST

August 24, 1992

Sample Log 4900

4900-4

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

8010 - Halogenated Volatile Organics

Parameter	(MDL) _{ug/m3}	Measured Value _{ug/m3}	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(0.05)	<0.05	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.001)	<.001	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	.0034	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	.013	



 JoAnn Kiser
 Senior Chemist



August 24, 1992
Sample Log 4900

4900-2

Sample [REDACTED]

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

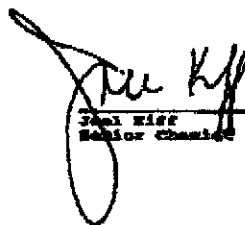
Received : 08/20/92

Matrix : [REDACTED]

Analyzed : 08/23/92

8010 - Halogenated Volatile Organics

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(0.05)	<0.05	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.005)	<.005	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.001)	<.001	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	<.001	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	<.001	


Paul Riff
Senior Chemist



August 24, 1992
 Sample Log 4900
 4900-1

Sample: XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix: XXXXXXXXXX

Analyzed : 08/23/92

8010 - Halogenated Volatile Organics

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>	Flag
Chloromethane	(0.02)	<0.02	
Chloroethane	(0.02)	<0.02	
Vinyl Chloride	(0.02)	<0.02	
Bromomethane	(0.02)	<0.02	
Trichlorofluoromethane	(.005)	<.005	
1,1-Dichloroethene	(0.02)	<0.02	
Dichloromethane	(.005)	<.005	
t-1,2-Dichloroethene	(.005)	<.005	
1,1-Dichloroethane	(0.05)	<0.05	
Chloroform	(.001)	<.001	
1,1,1-Trichloroethane	(.001)	<.001	
1,2-Dichloroethane	(.005)	<.005	
Carbon Tetrachloride	(.001)	<.001	
1,2-Dichloropropane	(.005)	<.005	
Trichloroethene	(.001)	<.001	
Bromodichloromethane	(.005)	<.005	
c-1,2-Dichloroethene	(.005)	<.005	
c-1,3-Dichloropropene	(.005)	<.005	
t-1,3-Dichloropropene	(.005)	<.005	
1,1,2-Trichloroethane	(.001)	<.001	
Tetrachloroethene	(.001)	<.001	
Dibromochloromethane	(.005)	<.005	
Chlorobenzene	(.005)	<.005	
Bromoform	(.005)	<.005	
1,1,2,2-Tetrachloroethane	(.001)	<.001	
1,4-Dichlorobenzene	(.001)	<.001	
1,3-Dichlorobenzene	(.001)	<.001	
1,2-Dichlorobenzene	(.001)	<.001	


 Joe Ruff
 Senior Chemist



Sample Log 4900

Sample **EX-4**

From : Project # 1740-1 (Chevron 9-1740)

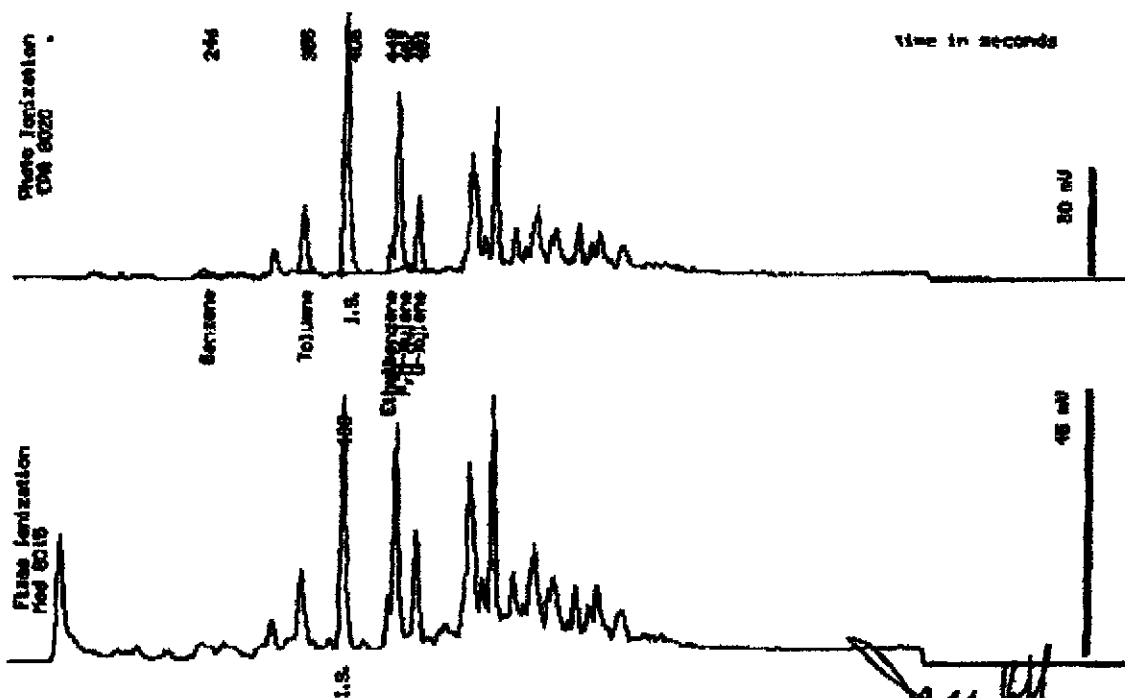
Sampled : 08/20/92

Dilution : 1:100

QC Batch : 6061C

Matrix : Soil

Parameter	(MDL) <small>ug/kg</small>	Measured Value <small>ug/kg</small>
Benzene	(.50)	<.50
Toluene	(.50)	4.0
Ethylbenzene	(.50)	1.9
Total Xylenes	(.50)	15
TPH as Gasoline	(100)	100



Date analyzed: 08-19-92
 Column: 0.32mm ID X 30m DB5 (J&W Scientific)

[Signature]
 Lead Analyst
 Senior Chemist



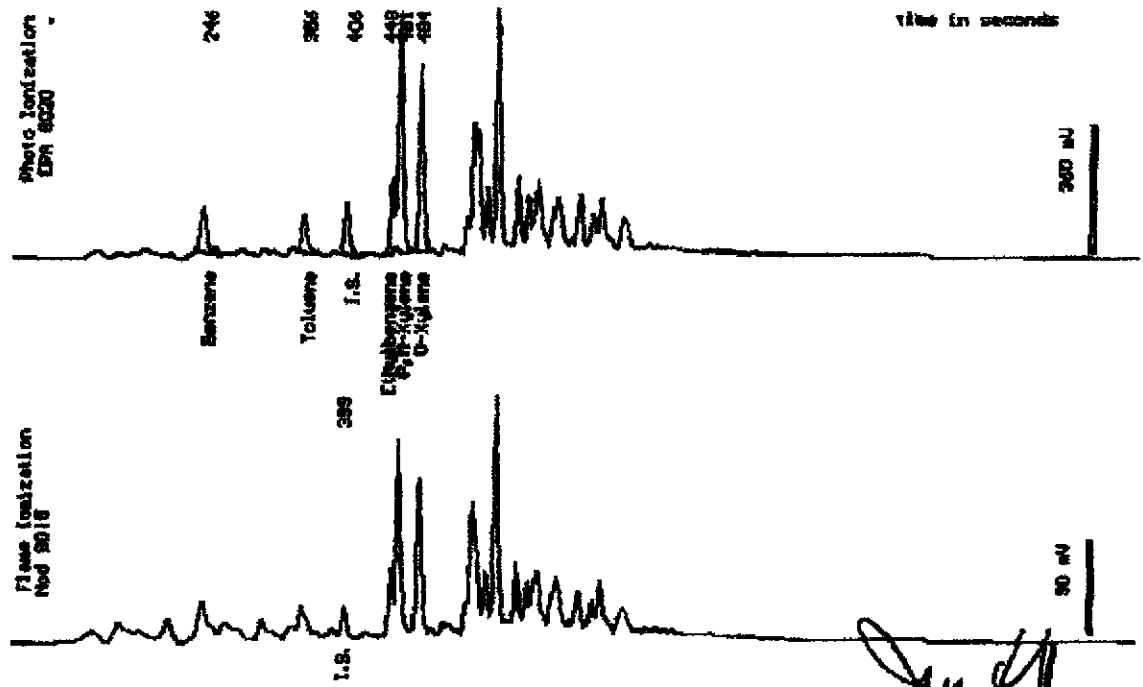
Sample Log 4900
4900-6

Sample: ~~W-3~~

From : Project # 1740-1 (Chevron 9-1740)
 Sampled : 08/20/92
 Dilution : 1:1
 Matrix : Soil

QC Batch : 6061C

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.0050)	.22
Toluene	(.0050)	.19
Ethylbenzene	(.0050)	.40
Total Xylenes	(.0050)	2.3
TPH as Gasoline	(1.0)	1.7



Date Analyzed: 08-19-92
 Column: 1.83mm ID X 30m DB5 (J&W Scientific)

[Signature]
 Janet Miller
 Senior Chemist



Sample Log 4900

4900-4

Sample: NE-3

From : Project # 1740-1 (Chevron 9-1740)

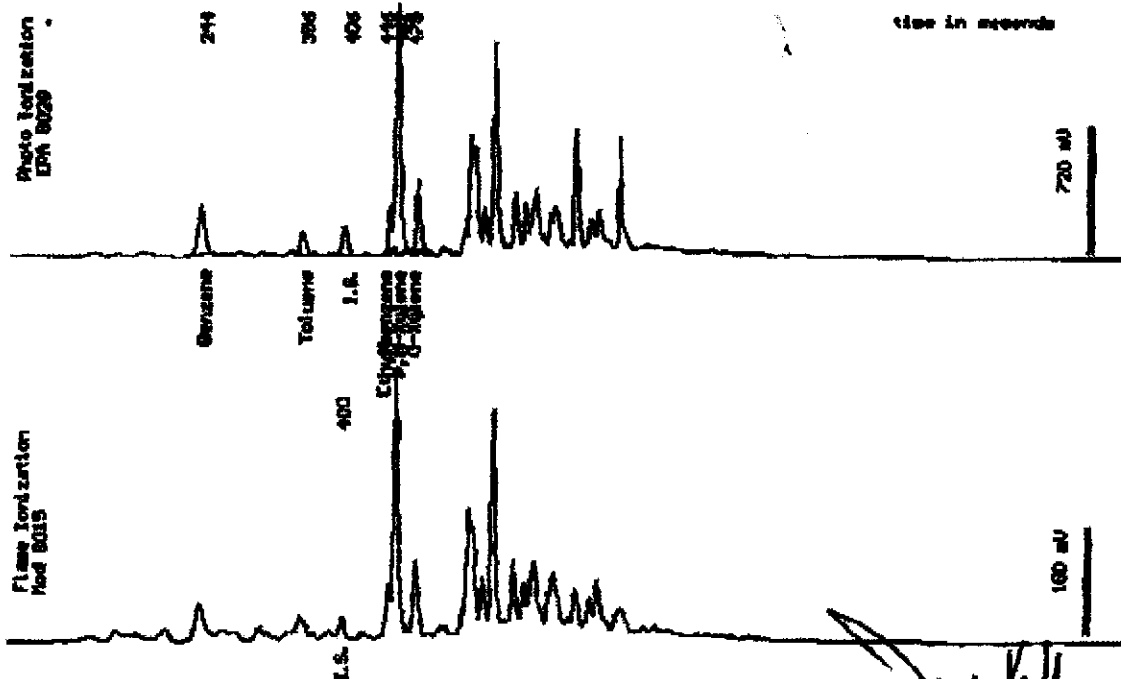
Sampled : 08/20/92

Dilution : 1:1

QC Batch : 6061C

Matrix : Soil

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.0050)	.38
Toluene	(.0050)	.13
Ethylbenzene	(.0050)	.31
Total Xylenes	(.0050)	2.1
TPH as Gasoline	(1.0)	.16



Date Analyzed: 08-19-92
 Column : 0.25mm ID X 30m DB5 (J&H Scientific)

Jon Huff
 Senior Chemist



Sample Log 4900

4900-2

Sample: ND-2

From : Project # 1740-1 (Chevron 9-1740)

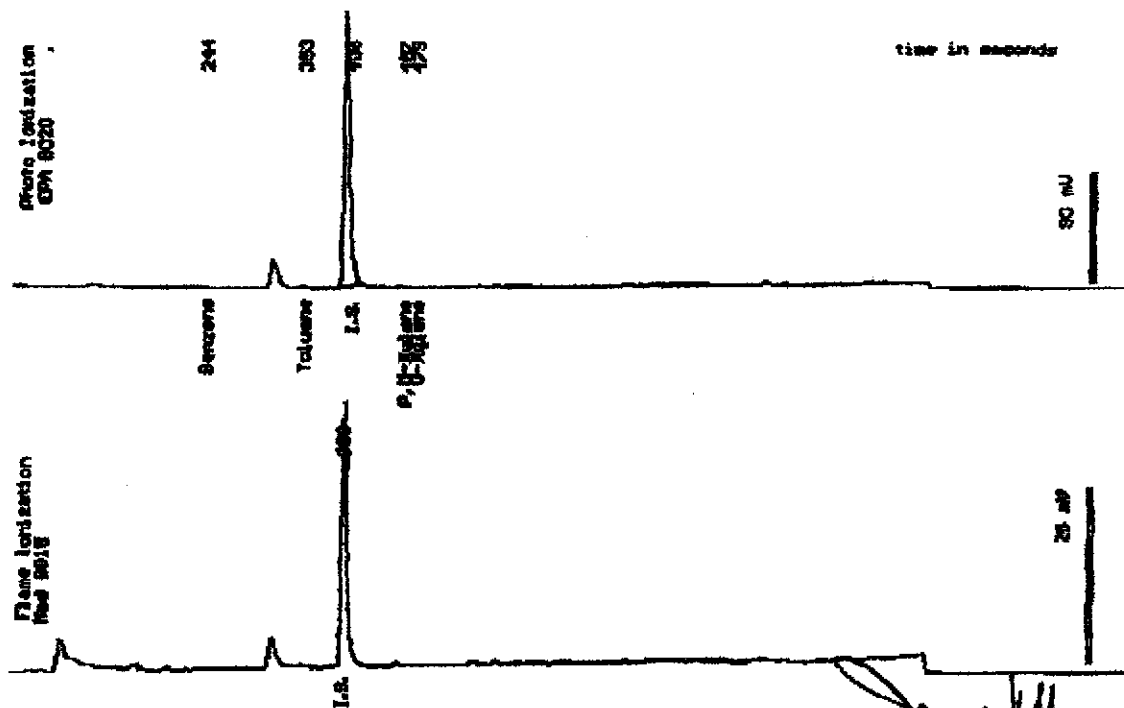
Sampled : 08/20/92

Dilution : 1:1

QC Batch : 6061C

Matrix : Soil

Parameter	(MDL) ug/kg	Measured Value ug/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0



Date Analyzed: 08-19-92
 Column: 2.53mm ID x 30m DB5 (J&W Scientific)

[Signature]
 Joel Kiff
 Senior Chemist



Sample Log 4900

4900-1

Sample: 10-1

From : Project # 1740-1 (Chevron 9-1740)

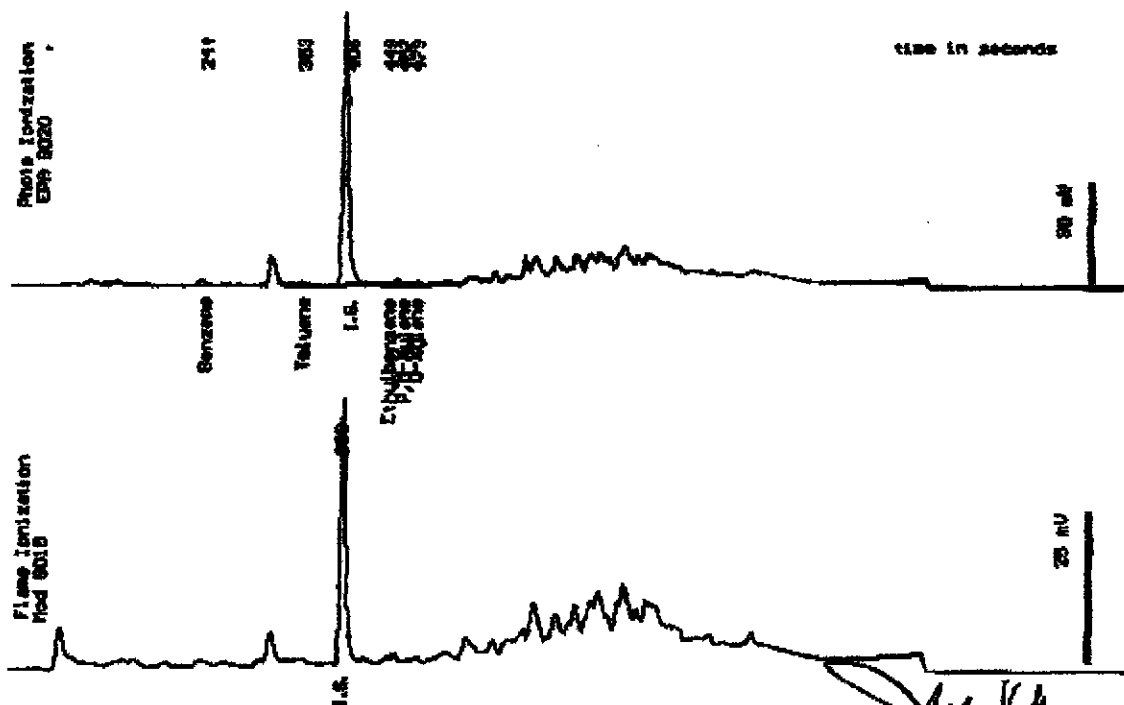
Sampled : 08/20/92

Dilution : 1:1

QC Batch : 6061C

Matrix : Soil

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.0050)	.0073
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	.0055
TPH as Gasoline	(1.0)	1.6



Date analyzed: 08-19-92
Column: C18ms TD X 30m DB6 (JMI Scientific)

Joni King
Senior Chemist



Sample Log 4900

4900-7

Sample: NK-4

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

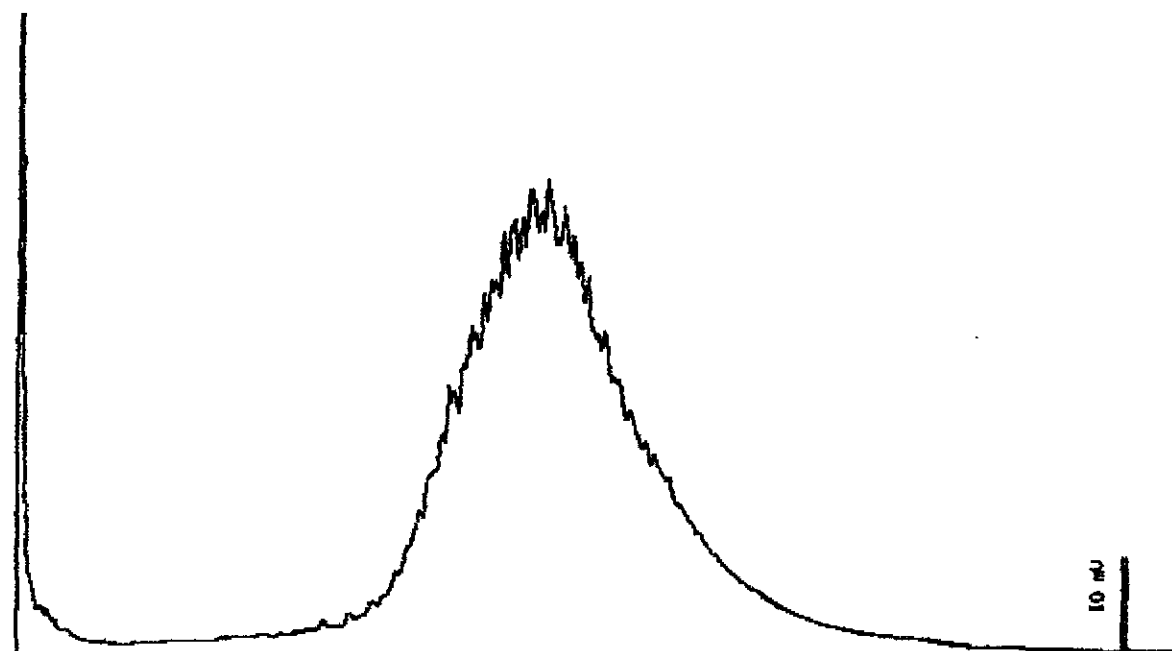
Extracted: 08/20/92

Dilution : 1:10

Matrix : Soil

QC Batch : 8045c

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(100)	130
TPH as Motor Oil	(100)	2000



EPA Mod 8015

Diesel

Motor Oil

Date: 08-21-92 Time: 02:46:55
 Column: 0.53mm ID x 10m DB: (J&W Scientific)

S. Podolsky
 STEPHEN Podolsky
 Senior Chemist



Sample Log 4900

4900-6

Sample: ~~NY-2~~

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

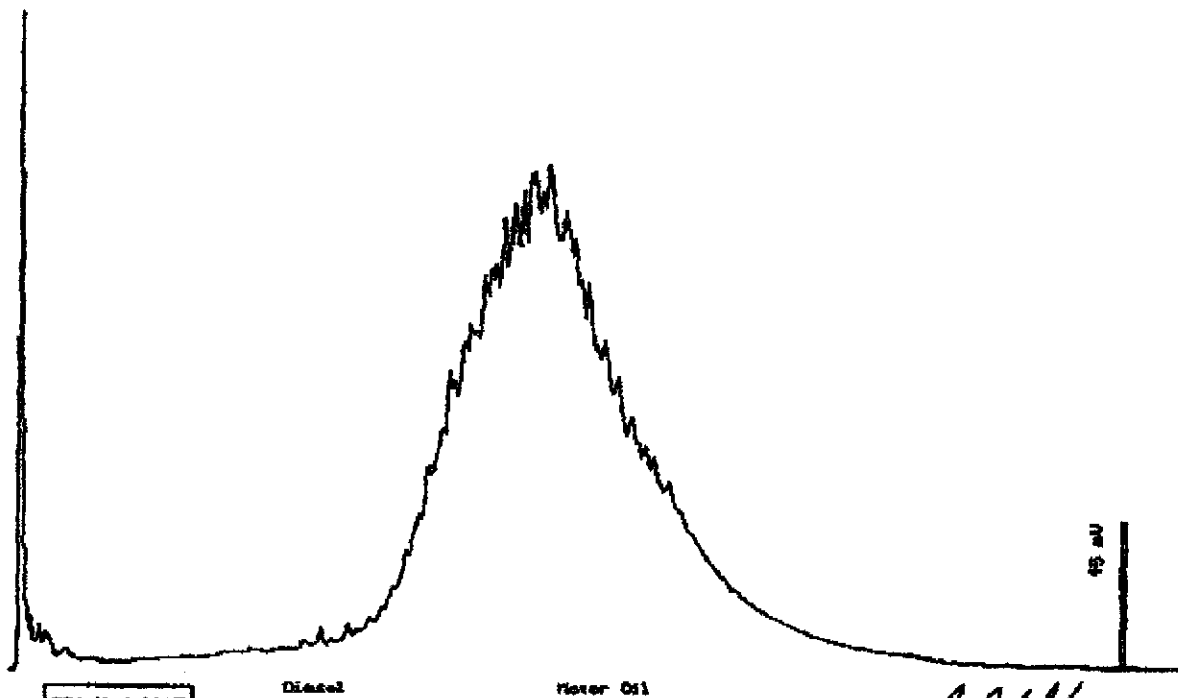
Extracted: 08/20/92

Dilution : 1:1

Matrix : Soil

QC Batch : 8045C

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	44
TPH as Motor Oil	(10)	760



Date: 08-21-92 Time: 02:12:17
 Column: D, 63um 10 X 15m DB1 (J&W Scientific)

S. Podolsky
 Stewart Podolsky
 Senior Chemist



Sample Log 4900

4900-5

Sample ~~2~~

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

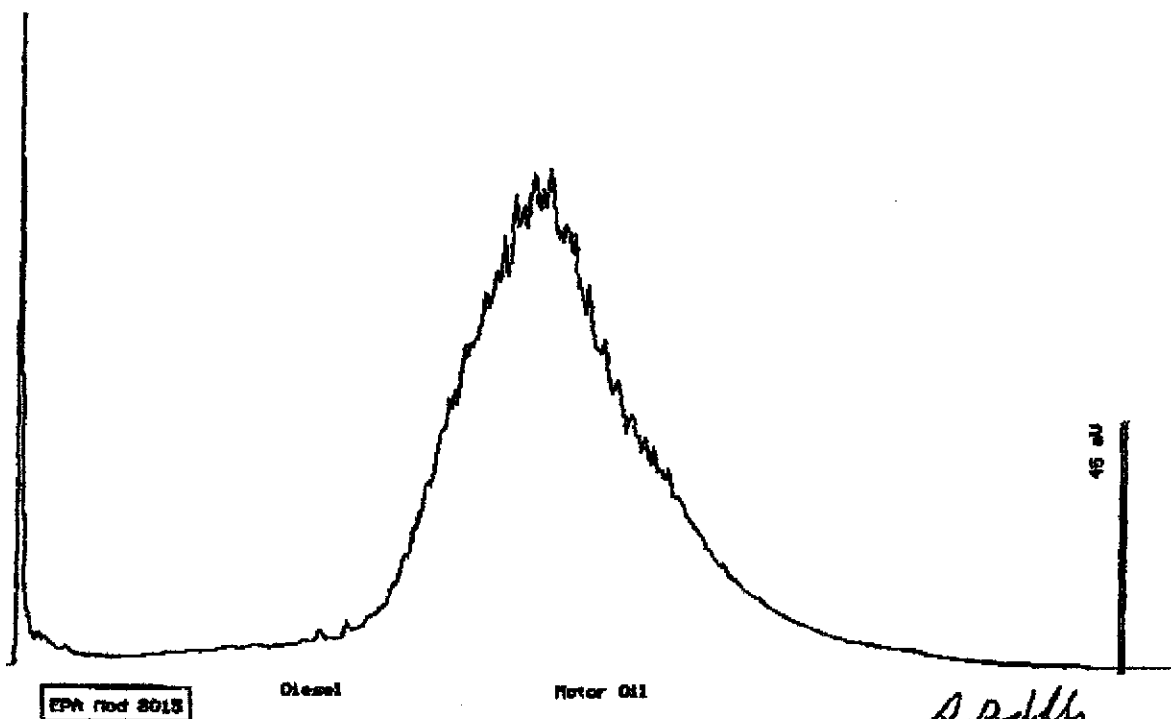
Extracted: 08/20/92

Dilution : 1:1

Matrix : Soil

QC Batch : 8045C

Parameter	(MDL) ug/lug	Measured Value ug/lug
TPH as Diesel	(10)	27
TPH as Motor Oil	(10)	400



Date: 08-21-92 Time: 01:37:36
 Column: 0.53mm ID X 15m DB1 (J&W Scientific)

S. Podolsky
 Stuart Podolsky
 Senior Chemist



Sample Log 4900

4900-05

Sample: [redacted]

From : Project # 1740-1 (Chevron 9-1740)

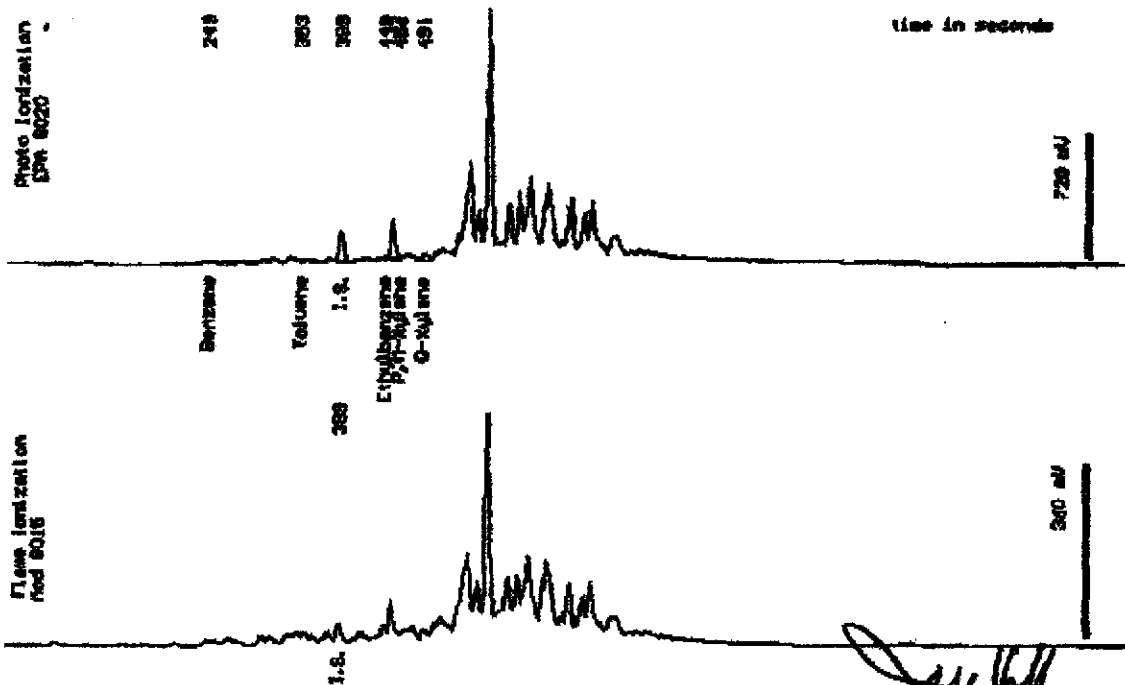
Sampled : 08/20/92

Dilution : 1:1

QC Batch : 6061e

Matrix : Soil

Parameter	(MDL) ug/kg	Measured Value ug/kg
Benzene	(.0050)	.0013
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	.0021
Total Xylenes	(.0050)	.0035
TPH as Gasoline	(1.0)	.17



Date Analyzed 08-22-92
Column : 5.63mm ID X 30m DB5 (J&W Scientific)

John Hill
Senior Chemist



Sample Log 4900

4900-4

Sample: [REDACTED]

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

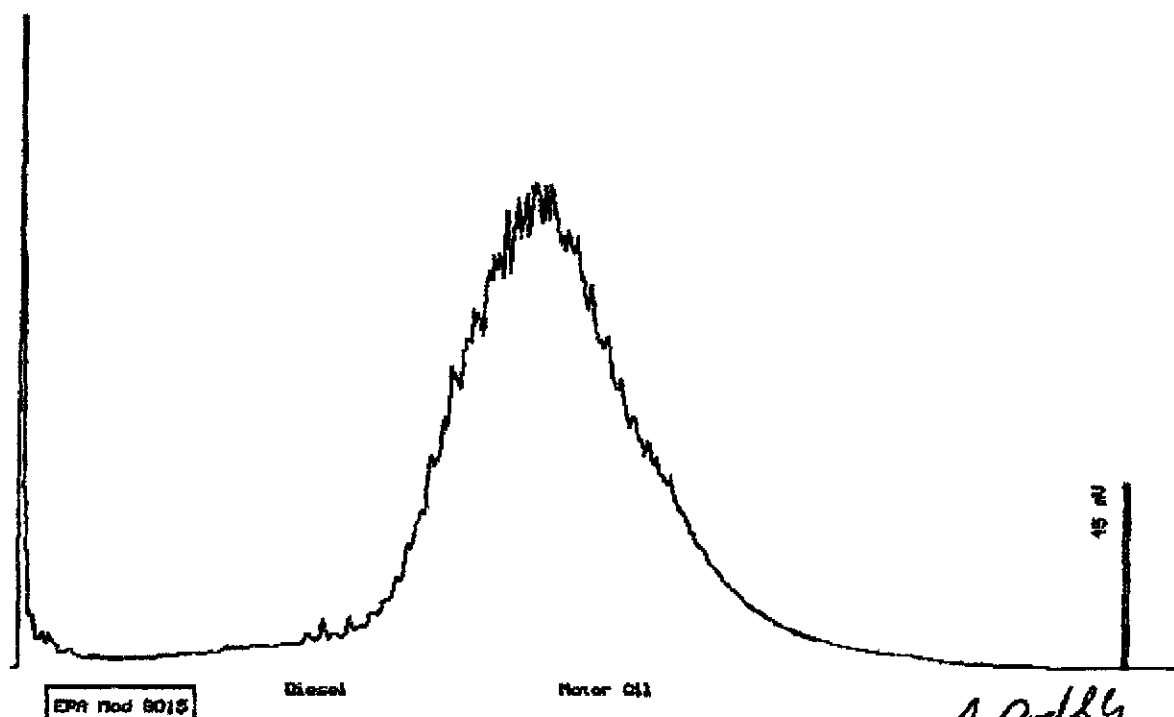
Extracted: 08/20/92

Dilution : 1:1

Matrix : Soil

QC Batch : 8045C

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(10)	41
TPH as Motor Oil	(10)	569



Date: 08-21-92 Time: 01:04:06
 Column : 0.53mm ID X 18m DB1 (J&W Scientific)

A. Paddy
 Stuart Paddy
 Senior Chemist



Sample Log 4900

4900-2

Sample: ~~XXXXXXXXXX~~

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Extracted: 08/20/92

Dilution : 1:1

Matrix : Soil

QC Batch : 8045C

Parameter	(MDL) <small>ug/kg</small>	Measured Value <small>ug/kg</small>
TPH as Diesel	(10)	<10
TPH as Motor Oil	(10)	<10



EPA Mod 801B

Motor Oil

Stewart Podolsky

Stewart Podolsky
Senior Chemist

Date: 08-20-92 Time: 23:59:22
Column : 0.52mm ID x 15m DB1 (J&W Scientific)



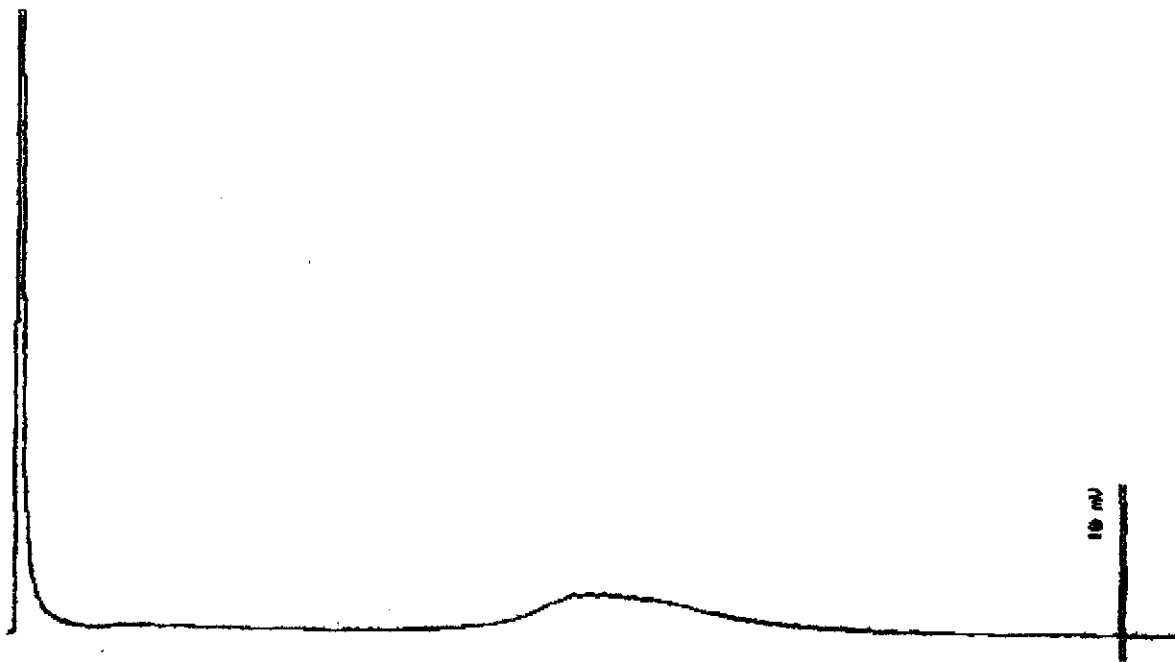
Sample Log 4900
4900-1



From : Project # 1740-1 (Chevron 9-1740)
Sampled : 08/20/92
Extracted: 08/20/92
Dilution : 1:1
Matrix : Soil

QC Batch : 8045C

Parameter	(MDL) <small>ug/kg</small>	Measured Value <small>ug/kg</small>
TPH as Diesel	(10)	<10
TPH as Motor Oil	(10)	11



EPA Mod 8012

Date: 08-20-92 Time: 23:26:46
Column: 0.83mm ID x 16m DB1 (J&H Scientific)

Motor Oil

S. Podolsky
Stewart Podolsky
Senior Chemist

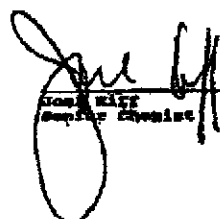


August 24, 1992
Sample Log 4900

Table 1: Total Oil and Grease Results for 6 Soil Samples
From Project # 1740-1 (Chevron 9-1740)
Received 08/20/92

--all concentrations are units of mg/kg--

Sample	Oil and Grease
WO-1	<50
WO-2	<50
WX-1	110
WX-2	180
WX-3	180
WX-4	3800
(Reporting Limit	50)


Jane H. Smith
Senior Chemist



FACSIMILE COVER SHEET

CHEVRON U.S.A. PRODUCTS COMPANY
MARKETING - NORTHWEST REGION



Mailing Address : Chevron U.S.A. Products Company
 P.O. Box 5004
 San Ramon, CA 94583-0804
 (Street - 2410 Camino Ramon)

Date : <u>8-24-92</u>		Fax Number : <u>510 569-4752</u>
To: <u>Susan Hugo - Alameda Co. Environmental Health</u>		
From:	Phone Number	Room / Building
Kenneth Kan Site Assessment & Remediation Group	(510) 842-8752	A-02 / 2410
Subject : <u>ADDITIONAL RESULTS FROM THE WASTE OIL TANK</u> <u>REMOVAL AT 9-1740 IN OAKLAND.</u>		
Remarks : <u>ATTACHED ARE THE ADDITIONAL RESULTS.</u>		

Number of Pages including Cover Sheet 10.

To Reply By Facsimile - Dial (510) 842-9591



FACSIMILE TRANSMITTAL

DATE: 8-24-92

TO: Ken Kan

FROM: Stewart Podolsky

NUMBER OF PAGES (including cover): 789

COMMENTS:

8270 results

OTG IR results for WS-1A-10



August 24, 1992
Sample Log 4900

Sample: XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

Parameter	(MDL) _{mg/kg}	Measured Value _{mg/kg}	Flag
Acenaphthene	(0.10)	<0.10	
Acenaphthylene	(0.10)	<0.10	
Anthracene	(0.10)	<0.10	
Benzo (a) anthracene	(0.10)	<0.10	
Benzo (b) fluoranthene	(0.10)	<0.10	
Benzo (k) fluoranthene	(0.10)	<0.10	
Benzo (a) pyrene	(0.10)	<0.10	
Benzo (ghi) perylene	(0.10)	<0.10	
Benzyl butyl phthalate	(0.10)	<0.10	
bis (2-chloroethyl) ether	(0.10)	<0.10	
bis (2-chloroethoxy) methane	(0.10)	<0.10	
bis (2-ethylhexyl) phthalate	(0.20)	<0.20	
bis (2-chloroisopropyl) ether	(0.10)	<0.10	
4-Bromophenyl phenyl ether	(0.10)	<0.10	
2-Chloronaphthalene	(0.10)	<0.10	
4-Chlorophenyl phenyl ether	(0.10)	<0.10	
Chrysene	(0.10)	<0.10	
Dibenzo (ah) anthracene	(0.10)	<0.10	
Di-n-butyl phthalate	(0.10)	<0.10	
Di-n-octyl phthalate	(0.10)	<0.10	
1,3-Dichlorobenzene	(0.10)	<0.10	
1,2-Dichlorobenzene	(0.10)	<0.10	
1,4-Dichlorobenzene	(0.10)	<0.10	
3,3-Dichlorobenzidine	(0.10)	<0.10	
Diethyl phthalate	(0.10)	<0.10	
Dimethyl phthalate	(0.10)	<0.10	
2,4-Dinitrotoluene	(0.10)	<0.10	

A. Paddy
 SENIORITY DESIGNATION
 Senior Chemist



August 24, 1992
Sample Log 4900

Sample: XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

~~Table Organic Priority Pollutants~~

Parameter	(MDL) ^{ug/kg}	Value ^{ug/kg}	Flag
2,6-Dinitrotoluene	(0.10)	<0.10	
Fluoranthene	(0.10)	<0.10	
Fluorene	(0.10)	<0.10	
Hexachlorobenzene	(0.10)	<0.10	
Hexachlorobutadiene	(0.10)	<0.10	
Hexachloroethane	(0.10)	<0.10	
Indeno (123-cd) pyrene	(0.10)	<0.10	
Isophorone	(0.10)	<0.10	
Naphthalene	(0.10)	<0.10	
Nitrobenzene	(0.10)	<0.10	
n-Nitrosodi-n-propylamine	(0.10)	<0.10	
Phenanthrene	(0.10)	<0.10	
Pyrene	(0.10)	<0.10	
1,2,4-Trichlorobenzene	(0.10)	<0.10	
Benzidine	(0.10)	<0.10	
Hexachlorocyclopentadiene	(0.10)	<0.10	
n-Nitrosodimethylamine	(0.10)	<0.10	
n-Nitrosodiphenylamine	(0.10)	<0.10	
4-Chloro-3-methylphenol	(0.10)	<0.10	
2-Chlorophenol	(0.10)	<0.10	
2,4-Dichlorophenol	(0.10)	<0.10	
2,4-Dimethylphenol	(0.10)	<0.10	
2,4-Dinitrophenol	(0.10)	<0.10	
2-Methyl-4,6-dinitrophenol	(0.10)	<0.10	
2-Nitrophenol	(0.10)	<0.10	
4-Nitrophenol	(0.10)	<0.10	
Pentachlorophenol	(0.10)	<0.10	
Phenol	(0.10)	<0.10	
2,4,6-Trichlorophenol	(0.10)	<0.10	

D. Roddy
Senior Chemist



August 24, 1992
Sample Log 4900

Sample: XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$	Flag
Acenaphthene	(0.10)	<0.10	
Acenaphthylene	(0.10)	<0.10	
Anthracene	(0.10)	<0.10	
Benzo (a) anthracene	(0.10)	<0.10	
Benzo (b) fluoranthene	(0.10)	<0.10	
Benzo (k) fluoranthene	(0.10)	<0.10	
Benzo (a) pyrene	(0.10)	<0.10	
Benzo (ghi) perylene	(0.10)	<0.10	
Benzyl butyl phthalate	(0.10)	<0.10	
bis (2-chloroethyl) ether	(0.10)	<0.10	
bis (2-chloroethoxy) methane	(0.10)	<0.10	
bis (2-ethylhexyl) phthalate	(0.20)	<0.20	
bis (2-chloroisopropyl) ether	(0.10)	<0.10	
4-Bromophenyl phenyl ether	(0.10)	<0.10	
2-Chloronaphthalene	(0.10)	<0.10	
4-Chlorophenyl phenyl ether	(0.10)	<0.10	
Chrysene	(0.10)	<0.10	
Dibenzo (ah) anthracene	(0.10)	<0.10	
Di-n-butyl phthalate	(0.10)	<0.10	
Di-n-octyl phthalate	(0.10)	<0.10	
1,3-Dichlorobenzene	(0.10)	<0.10	
1,2-Dichlorobenzene	(0.10)	<0.10	
1,4-Dichlorobenzene	(0.10)	<0.10	
3,3-Dichlorobenzidine	(0.10)	<0.10	
Diethyl phthalate	(0.10)	<0.10	
Dimethyl phthalate	(0.10)	<0.10	
2,4-Dinitrotoluene	(0.10)	<0.10	

D. Podolny
D. Podolny
Senior Chemist



August 24, 1992
Sample Log 4900

Sample XXXXXXXXXX

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

~~Non-Halogenated Aromatic Organic Priority Pollutants~~

Parameter	(MDL) <small>ug/kg</small>	Value <small>ug/kg</small>	Flag
2,6-Dinitrotoluene	(0.10)	<0.10	
Fluoranthene	(0.10)	<0.10	
Fluorene	(0.10)	<0.10	
Hexachlorobenzene	(0.10)	<0.10	
Hexachlorobutadiene	(0.10)	<0.10	
Hexachloroethane	(0.10)	<0.10	
Indeno (123-cd) pyrene	(0.10)	<0.10	
Isophorone	(0.10)	<0.10	
Naphthalene	(0.10)	<0.10	
Nitrobenzene	(0.10)	<0.10	
n-Nitrosodi-n-propylamine	(0.10)	<0.10	
Phenanthrene	(0.10)	<0.10	
Pyrene	(0.10)	<0.10	
1,2,4-Trichlorobenzene	(0.10)	<0.10	
Benzidine	(0.10)	<0.10	
Hexachlorocyclopentadiene	(0.10)	<0.10	
n-Nitrosodimethylamine	(0.10)	<0.10	
n-Nitrosodiphenylamine	(0.10)	<0.10	
4-Chloro-3-methylphenol	(0.10)	<0.10	
2-Chlorophenol	(0.10)	<0.10	
2,4-Dichlorophenol	(0.10)	<0.10	
2,4-Dimethylphenol	(0.10)	<0.10	
2,4-Dinitrophenol	(0.10)	<0.10	
2-Methyl-4,6-dinitrophenol	(0.10)	<0.10	
2-Nitrophenol	(0.10)	<0.10	
4-Nitrophenol	(0.10)	<0.10	
Pentachlorophenol	(0.10)	<0.10	
Phenol	(0.10)	<0.10	
2,4,6-Trichlorophenol	(0.10)	<0.10	

D. Podolsky
Stanford Podolsky
Senior Chemist



August 24, 1992
Sample Log 4900

Site [REDACTED]

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$	Flag
Acenaphthene	(4.0)	< 4.0	
Acenaphthylene	(4.0)	< 4.0	
Anthracene	(4.0)	< 4.0	
Benzo (a) anthracene	(4.0)	< 4.0	
Benzo (b) fluoranthene	(4.0)	< 4.0	
Benzo (k) fluoranthene	(4.0)	< 4.0	
Benzo (a) pyrene	(4.0)	< 4.0	
Benzo (ghi) perylene	(4.0)	< 4.0	
Benzyl butyl phthalate	(4.0)	< 4.0	
bis (2-chloroethyl) ether	(4.0)	< 4.0	
bis (2-chloroethoxy) methane	(4.0)	< 4.0	
bis (2-ethylhexyl) phthalate	(8.0)	< 8.0	
bis (2-chloroisopropyl) ether	(4.0)	< 4.0	
4-Bromophenyl phenyl ether	(4.0)	< 4.0	
2-Chloronaphthalene	(4.0)	< 4.0	
4-Chlorophenyl phenyl ether	(4.0)	< 4.0	
Chrysene	(4.0)	< 4.0	
Dibenzo (ah) anthracene	(4.0)	< 4.0	
Di-n-butyl phthalate	(4.0)	< 4.0	
Di-n-octyl phthalate	(4.0)	< 4.0	
1,3-Dichlorobenzene	(4.0)	< 4.0	
1,2-Dichlorobenzene	(4.0)	< 4.0	
1,4-Dichlorobenzene	(4.0)	< 4.0	
3,3-Dichlorobenzidine	(4.0)	< 4.0	
Diethyl phthalate	(4.0)	< 4.0	
Dimethyl phthalate	(4.0)	< 4.0	
2,4-Dinitrotoluene	(4.0)	< 4.0	

P. Pedelak
Stewart Pedelak
Senior Chemist



August 24, 1992
Sample Log 4900

From : Project # 1740-1 (Chevron 9-1740)

Sampled : 08/20/92

Received : 08/20/92

Matrix : Soil

Analyzed : 08/23/92

Extracted : 08/21/92

Parameter	(MDL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$	Flag
2,6-Dinitrotoluene	(4.0)	< 4.0	
Fluoranthene	(4.0)	< 4.0	
Fluorene	(4.0)	< 4.0	
Hexachlorobenzene	(4.0)	< 4.0	
Hexachlorobutadiene	(4.0)	< 4.0	
Hexachloroethane	(4.0)	< 4.0	
Indeno (123-cd) pyrene	(4.0)	< 4.0	
Isophorone	(4.0)	< 4.0	
Naphthalene	(4.0)	< 4.0	
Nitrobenzene	(4.0)	< 4.0	
n-Nitrosodi-n-propylamine	(4.0)	< 4.0	
Phenanthrene	(4.0)	< 4.0	
Pyrene	(4.0)	< 4.0	
1,2,4-Trichlorobenzene	(4.0)	< 4.0	
Benzidine	(4.0)	< 4.0	
Hexachlorocyclopentadiene	(4.0)	< 4.0	
n-Nitrosodimethylamine	(4.0)	< 4.0	
n-Nitrosodiphenylamine	(4.0)	< 4.0	
4-Chloro-3-methylphenol	(4.0)	< 4.0	
2-Chlorophenol	(4.0)	< 4.0	
2,4-Dichlorophenol	(4.0)	< 4.0	
2,4-Dimethylphenol	(4.0)	< 4.0	
2,4-Dinitrophenol	(4.0)	< 4.0	
2-Methyl-4,6-dinitrophenol	(4.0)	< 4.0	
2-Nitrophenol	(4.0)	< 4.0	
4-Nitrophenol	(4.0)	< 4.0	
Pentachlorophenol	(4.0)	< 4.0	
Phenol	(4.0)	< 4.0	
2,4,6-Trichlorophenol	(4.0)	< 4.0	

D. Podolny
D. Podolny
Senior Chemist



August 24, 1992
Sample Log 4900

EPA 8270 System Monitoring Compound Recovery

Sample	SMC1 (NBZ) #	SMC2 (FBP) #	SMC3 (TPH) #	SMC4 (PHL) #	SMC5 (2FP) #	SMC6 (TBP) #	OTHER	TOT OUT
WO-1	91	92	99	101	87	105		0
WO-2	94	96	101	101	88	101		0
WS-1A, 1B, 1C, 1	99	100	105	105	89	102		0


QC Limits

SMC1 (NBZ) = Nitrobenzene-d5	(23-120)
SMC2 (FBP) = 2-Fluorobiphenyl	(30-115)
SMC3 (TPH) = Terphenyl-d14	(18-137)
SMC4 (PHL) = Phenol-d6	(24-113)
SMC5 (2FP) = 2-Fluorophenol	(25-121)
SMC6 (TBP) = 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values

* Values outside of QC limits

D System Monitoring Compound diluted out


Stewart Peoplesky
Senior Analyst



August 24, 1992
Sample Log 4900

[REDACTED]
From : Project # 1740-1 (Chevron 9-1740)
Sampled : 08/20/92
Received : 08/20/92
Matrix : Soil

Parameter	(MDL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
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[REDACTED]	(MDL)	[REDACTED]
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Stewart Podolsky
Senior Chemist

Fax copy of Lab Report and COC to Chevron Contact: Yes No

Chain-of-Custody-Record

08/24/92 18:17 9510 842 8552 CHEVRON PRODUCTS 022/022

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-1740
Facility Address: 6550 Merage Ave Oakland
Chevron Contact (Name): Kenneth Ross
(Phone): 510 842-8152
Laboratory Name: West
Laboratory Release Number: 7877660
Samples Collected by (Name): Jeff Monroe
Collection Date: 8-20-92
Project Contact (Name): Jeff Monroe
(Phone): 715 538 8512 (Fax Number) 538 8812
Signature: Jeff Monroe

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Chemical	Type S = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed										Remarks
								BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (8020)	Polynuclear Hydrocarbons (8016)	Polynuclear Aromatics (8020)	Polynuclear Organics (8040)	Extractable Organics (8070)	Heavy Metals (8040-2000) (8040-2000)	HRH WILL	Other	
WS-1		1	S	D	13:54		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WS-2		1	S	D	13:15		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WS-1ad		4	S	C	13:00		Yes							✓	✓	✓	✓	Note: JP WS-1ad 1373000 ppm P-TPH, the can a fish bio also
WS-1		1	S	D	13:00		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WX-1			S	D	13:00		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WX-2			S	D	13:02		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WX-3			S	D	13:40		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WX-4			S	D	13:44		Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Requested By (Signature): Jeff Monroe Organization: I.D. Date/Time: 8/20/92 5:35

Requested By (Signature): _____ Organization: _____ Date/Time: _____

Requested By (Signature): _____ Organization: _____ Date/Time: _____

Received For Laboratory By (Signature): [Signature] Organization: _____ Date/Time: _____

Received For Laboratory By (Signature): _____ Organization: _____ Date/Time: _____

Received For Laboratory By (Signature): _____ Organization: _____ Date/Time: _____

Turn Around Time (Circle Choice):
 24 Hrs.
 48 Hrs.
 5 Days
 10 Days
 As Contracted

Please fax result per by Monday 10/7/92 8:00 AM