

FROM CHEVRON'S FILES



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: ARGY MENA

Project 1-206-04  
Reported 09/10/93

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
89892- 1	TB-LB	09/07/93	09/08/93 Water
89892- 2	BB	09/07/93	09/08/93 Water
89892- 3	C-1	09/07/93	09/08/93 Water
89892- 4	C-5	09/07/93	09/08/93 Water
89892- 5	C-2	09/07/93	09/08/93 Water

## RESULTS OF ANALYSIS

Laboratory Number: 89892- 1    89892- 2    89892- 3    89892- 4

Gasoline:	ND<50	ND<50	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Total Xylenes:	ND<1.5	ND<1.5	ND<1.5	ND<1.5

Concentration:                    ug/L                    ug/L                    ug/L                    ug/L

Laboratory Number: 89892- 5

Gasoline:	ND<50
Benzene:	ND<0.5
Toluene:	ND<0.5
Ethyl Benzene:	ND<0.5
Total Xylenes:	ND<1.5

Concentration:                    ug/L



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

## C E R T I F I C A T E   O F   A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

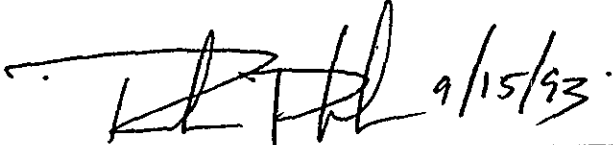
Page 2 of 2  
QA/QC INFORMATION  
SET: 89892

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	92/92	0%	70-130
Benzene:	94/97	3%	70-130
Toluene:	101/105	4%	70-130
Ethyl Benzene:	102/106	4%	70-130
Total Xylenes:	93/97	4%	70-130

  
Senior Chemist

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

89842

Chain-of-Custody-Rec

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

Chevron Facility Number 9-5630  
Facility Address 997 Grant Avenue, San Lorenzo  
Consultant Project Number 1-206-04  
Consultant Name Sierra Environmental Services  
Address P.O. Box 2546, Martinez, CA 94553  
Project Contact (Name) Argy Mena  
(Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) Nancy Vokelich  
(Phone) 842-9581  
Laboratory Name Superior Precision Analytical  
Laboratory Release Number 424 7210  
Samples Collected by (Name) Carol Eaton  
Collection Date 9/7/93  
Signature Carol Eaton

Sample Number	Lab Sample Number	Number of Containers	Matrix: Soil A = Air S = Water C = Charcoal	Type: G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed															
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Mn (ICAP or AA)								
TB-LB		3	W	G	11:55	HCl	Y	✓															
BB					12:55			✓															
C-1					12:05			✓															
C-5					13:30			✓															
C-2					13:00			✓															

Note:  
Do Not Bill TB-LB Samples

Analyse in order shown

Please Initial: YS  
Samples Stored in ice. YS  
Appropriate containers YS  
Amples preserved YS  
QA's without headspace YS  
Comments: OK

Relinquished By (Signature) <u>Carol Eaton</u>	Organization <u>SES</u>	Date/Time <u>9/7/93 4:30</u>	Received By (Signature) _____	Organization _____	Date/Time _____
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received By (Signature) _____	Organization _____	Date/Time _____
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization _____	Date/Time <u>9/7/93</u>

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

9/7/93  
M



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: ARGY MENA

Project 1-206-04  
Reported 03/30/93

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
88133- 1	TB-LB	03/23/93	03/27/93 Water
88133- 2	BB	03/23/93	03/25/93 Water
88133- 3	C-1	03/23/93	03/31/93 Water
88133- 4	C-3	03/23/93	03/26/93 Water
88133- 5	C-2	03/23/93	03/25/93 Water
88133- 6	C-5	03/23/93	03/26/93 Water

## RESULTS OF ANALYSIS

Laboratory Number: 88133- 1    88133- 2    88133- 3    88133- 4    88133- 5

Gasoline:	ND<50	ND<50	ND<50	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Xylenes:	ND<1.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Laboratory Number: 88133- 6

Gasoline:	ND<50
Benzene:	ND<0.5
Toluene:	ND<0.5
Ethyl Benzene:	ND<0.5
Xylenes:	ND<1.5
Concentration:	ug/L



C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 88133

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	100/88	13%	70-130
Benzene:	102/91	11%	70-130
Toluene:	103/93	10%	70-130
Ethyl Benzene:	105/95	10%	70-130
Xylenes:	103/93	10%	70-130

Richard Srna, Ph.D.

*Delonina V. Langitig (for)*  
Laboratory Director

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

Chevron Facility Number 9-5630  
Facility Address 997 GRANT AVE, San LORENZO  
Consultant Project Number 1-2010-04  
Consultant Name SIERRA ENVIRONMENTAL  
Address PO BOX 2546, MARTINEZ, CA  
Project Contact (Name) ARLEY MENA  
(Phone) (510) 370-1280 (Fax Number) (510) 370-7954

Chevron Contact (Name) MS. NANCY VUKELICH  
(Phone) 842-9581  
Laboratory Name SUPERIOR PRECISION ANALYTICAL  
Laboratory Release Number 424 7210  
Samples Collected by (Name) R. HILTON  
Collection Date 3/23/93  
Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)			
TB-LB		3	W	G	1130	HCL	Y	✓										Analyze in
BB		3	W	G	1136	HCL	Y	✓										LISTED ORDER
C-1		3	W	G	1254	HCL	Y	✓										↓
C-3		3	W	G	1304	HCL	Y	✓										
C-2		3	W	G	1315	HCL	Y	✓										
C-5		3	W	G	1146	HCL	Y	✓										

Please initial: AS  
 Samples stored in ice: ✓ yes  
 Appropriate containers: ✓  
 Samples preserved: ✓  
 VOA's without headspace: ✓  
 Comments:

Note:  
Do Not Bill  
TB-LB Samples

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SES</u>	Date/Time <u>3/23/93 1600</u>	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>3/23/93 400</u>	

3/24/93  
[Signature]

# Superior Precision Analytical, Inc.

PO. Box 1545 • Martinez, California 94553 • (510) 229-1590 / fax (510) 229-0916

Sierra Environmental  
Attn: Chris Bramer

Project 1-206-04  
Reported 12/09/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
87323- 1	TB-LB	12/01/92	12/08/92 Water
87323- 2	BB	12/01/92	12/08/92 Water
87323- 3	C-1	12/01/92	12/08/92 Water
87323- 4	C-2	12/01/92	12/08/92 Water
87323- 5	C-3	12/01/92	12/08/92 Water

## RESULTS OF ANALYSIS

Laboratory Number: 87323- 1 87323- 2 87323- 3 87323- 4 87323- 5

Gasoline:	ND<50	ND<50	ND<50	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	0.6	ND<0.5	ND<0.5
Toluene:	ND<0.5	ND<0.5	3.5	ND<0.5	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	0.7	ND<0.5	ND<0.5
Xylenes:	ND<0.5	ND<0.5	3.4	ND<0.5	ND<0.5
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

*Superior Precision Analytical, Inc.*

PO. Box 1545 • Martinez, California 94553 • (510) 229-1590 / fax (510) 229-0916

C E R T I F I C A T E   O F   A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 87323

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 mg	96/97	1%	70-130
Benzene:	200 ng	97/99	2%	70-130
Toluene:	200 ng	95/97	2%	70-130
Ethyl Benzene:	200 ng	99/100	1%	70-130
Xylenes:	200 ng	97/99	2%	70-130

Richard Srna, Ph.D.  
*James H. Nelson for*  
Laboratory Director



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

Chevron Facility Number #9-5030  
 Facility Address 997 Grant Ave., San Lorenzo, CA  
 Consultant Project Number 1-206-04  
 Consultant Name Sierra Environmental Services  
 Address PO Box 2546, Martinez, CA  
 Project Contact (Name) Chris Braker  
 (Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) Nancy Viker  
 (Phone) 842-9581  
 Laboratory Name Superior Precision Analy  
 Laboratory Release Number 4247210  
 Samples Collected by (Name) Carol Exton  
 Collection Date 12/1/92  
 Signature Carol Exton

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed										Remarks	
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
1B-1B	1	3	W	G	12:10	HCl	✓	✓											Analyze in order
BB	2	↓	↓	↓	12:15	↓	↓	✓											↓
C-1	3	↓	↓	↓	12:20	↓	↓	✓											↓
C-2	4	↓	↓	↓	12:30	↓	↓	✓											↓
C-3	5	↓	↓	↓	12:40	↓	↓	✓											↓

Please Initial:  
 Samples stored in ice  
 Appropriate containers  
 Samples preserved  
 Vials with out headspace  
 Comments

Note:  
 Do Not Bill  
 TB-LB Samples

Relinquished By (Signature) <u>Carol Exton</u>	Organization <u>SES</u>	Date/Time <u>12/1/92 3:25 pm</u>	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>Ahsaneh Salameh</u>		Date/Time <u>12/1/92</u>	



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: Chris Bramer

Project 1-206-04  
Reported 09/16/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
86607- 1	TB-LB	09/02/92	09/09/92 Water
86607- 2	BB	09/02/92	09/10/92 Water
86607- 3	C1	09/02/92	09/10/92 Water
86607- 4	C2	09/02/92	09/09/92 Water
86607- 5	C3	09/02/92	09/10/92 Water

## RESULTS OF ANALYSIS

Laboratory Number: 86607- 1   86607- 2   86607- 3   86607- 4   86607- 5

Gasoline:	ND<50	ND<50	ND<50	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Xylenes:	ND<0.5	0.4	ND<0.5	ND<0.5	0.9
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



C E R T I F I C A T E   O F   A N A L Y S I S

A N A L Y S I S   F O R   T O T A L   P E T R O L E U M   H Y D R O C A R B O N S

Page 2 of 2  
QA/QC INFORMATION  
SET: 86607

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 ng	93/95	2%	70-130
Benzene:	200 ng	98/97	1%	70-130
Toluene:	200 ng	104/105	1%	70-130
Ethyl Benzene:	200 ng	105/106	1%	70-130
Xylenes:	200 ng	102/103	1%	70-130

Richard Srna, Ph.D.  
*Nancy A. Nelson for*  
Laboratory Director

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

Chevron Facility Number 9-5630  
Facility Address 997 Grant Ave. San Lorenzo  
Consultant Project Number 1-206-04  
Consultant Name Sierra Environmental Services  
Address PO Box 2546 Martinez CA  
Project Contact (Name) Chris Bramer  
(Phone) 510-370-7280 (Fax Number) 510-370-7959

Chevron Contact (Name) Nancy Vukelich  
(Phone) 842-9581  
Laboratory Name Superior Precision Analytical  
Laboratory Release Number 4247210  
Samples Collected by (Name) Jim Green  
Collection Date 9-2-92  
Signature Jim Green

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type C = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed											Note: Do Not Bill TB-LB Samples
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	Remarks			
TB-LB	1	3	W	C	9:30	HCL	Y	✓										analysis in order ↓	
BB	2	↓	↓	↓	9:35	↓	↓	✓											
C1	3	↓	↓	↓	10:44	↓	↓	✓											
C2	4	↓	↓	↓	11:02	↓	↓	✓											
C3	5	↓	↓	↓	11:38	↓	↓	✓											

Please Initial: BJW  
 Samples Stored in ice. ✓  
 Appropriate containers ✓  
 Samples preserved ✓  
 VOA's without headspace ✓  
 Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Relinquished By (Signature) <u>Jim Green</u>	Organization <u>SES</u>	Date/Time <u>9-2-92 1:35P</u>	Received By (Signature) <u>Green</u>	Organization <u>L.O.L.</u>	Date/Time <u>9/2/92</u>	Turn Around Time (Circle Choice)  <input type="checkbox"/> 24 Hrs. <input type="checkbox"/> 48 Hrs. <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input checked="" type="checkbox"/> As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>Green</u>	Organization <u>L.O.L.</u>	Date/Time <u>9/2/92</u>	

# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: CHRIS CONNER

Project 1-206-04  
Reported 06/10/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
85871- 1	TB-LB	06/03/92	06/05/92 Water
85871- 2	BB	06/03/92	06/05/92 Water
85871- 3	C-1	06/03/92	06/05/92 Water
85871- 4	C-2	06/03/92	06/05/92 Water
85871- 5	C-3	06/03/92	06/10/92 Water

## RESULTS OF ANALYSIS

Laboratory Number: 85871- 1 85871- 2 85871- 3 85871- 4 85871- 5

Gasoline:	ND<50	ND<50	ND<50	ND<50	180
Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.0
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.6
Xylenes:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.5
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

## C E R T I F I C A T E   O F   A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 85871

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 ng	96/101	6	70-130
Benzene:	200 ng	103/100	3	70-130
Toluene:	200 ng	100/98	2	70-130
Ethyl Benzene:	200 ng	107/104	3	70-130
Xylenes:	200 ng	97/93	4	70-130

Richard Srna, Ph.D.

*Ilomina V. Janquiti* (for)  
Laboratory Director

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

Chevron Facility Number 9-5630  
 Facility Address 997 GRANT AVE, SAN LORENZO  
 Consultant Project Number 1-206-04  
 Consultant Name SIERRA ENVIRONMENTAL  
 Address PO BOX 2546, MARTINEZ  
 Project Contact (Name) CHRIS BRAMER  
 (Phone) 370-710 (Fax Number) 370-7959

Chevron Contact (Name) NANCY VUKIĆ  
 (Phone) (510) 842-9581  
 Laboratory Name SUPERIOR PRECISION ANAL  
 Laboratory Release Number 4247210  
 Samples Collected by (Name) ARGY MENA  
 Collection Date 3 JUNE '92  
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed										Remarks	
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
TB-LB		3	W	G	1010	HAL	Y	✓											ANALYZE
BB		↓	↓	↓	1015	↓	↓	↓											IN ORDER
C-1		↓	↓	↓	1020	↓	↓	↓											
C-2		↓	↓	↓	1055	↓	↓	↓											
C-3		↓	↓	↓	1135	↓	↓	↓											

Note:  
 Do Not Bill  
 TB-LB Samples

Please Initial:

Samples stored in ice.

Appropriate containers

Samples preserved

VGA's without headspace

Comments: \_\_\_\_\_

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SES</u>	Date/Time <u>1809 3 JUNE 92</u>	Received By (Signature) _____	Organization _____	Date/Time _____	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <input checked="" type="radio"/> As Contracted
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received By (Signature) _____	Organization _____	Date/Time _____	
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization _____	Date/Time <u>6-3-92</u>	

6:10 AM

COC-3.0WS/03.91/HCH



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: ARGY MENA

Project 1-206-04  
Reported 09/10/93

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
89892- 1	TB-LB	09/07/93	09/08/93 Water
89892- 2	BB	09/07/93	09/08/93 Water
89892- 3	C-1	09/07/93	09/08/93 Water
89892- 4	C-5	09/07/93	09/08/93 Water
89892- 5	C-2	09/07/93	09/08/93 Water

## RESULTS OF ANALYSIS

Laboratory Number: 89892- 1 89892- 2 89892- 3 89892- 4

Gasoline:	ND<50	ND<50	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Total Xylenes:	ND<1.5	ND<1.5	ND<1.5	ND<1.5
Concentration:	ug/L	ug/L	ug/L	ug/L

Laboratory Number: 89892- 5

Gasoline:	200 ✓
Benzene:	13 ✓
Toluene:	21 ✓
Ethyl Benzene:	15 ✓
Total Xylenes:	43 ✓
Concentration:	ug/L





# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

## C E R T I F I C A T E   O F   A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

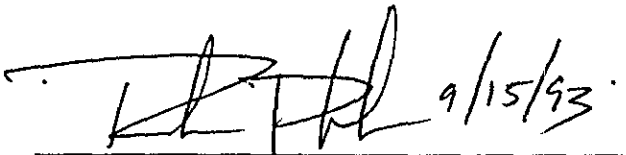
Page 2 of 2  
QA/QC INFORMATION  
SET: 89892

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	92/92	0%	70-130
Benzene:	94/97	3%	70-130
Toluene:	101/105	4%	70-130
Ethyl Benzene:	102/106	4%	70-130
Total Xylenes:	93/97	4%	70-130

  
Senior Chemist

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

Chain-of-Custody-Record

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

Chevron Facility Number 9-5630  
Facility Address 997 Grant Avenue, San Lorenzo  
Consultant Project Number 1-206-04  
Consultant Name Sierra Environmental Services  
Address P.O. Box 2546, Martinez, CA 94553  
Project Contact (Name) Argy Mena  
(Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) Nancy Vokelich  
(Phone) 842-9581  
Laboratory Name Superior Precision Analytical  
Laboratory Release Number 424 7210  
Samples Collected by (Name) Carol Eaton  
Collection Date 9/7/93  
Signature Carol Eaton

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type C = Grab D = Composite D = Diacrate	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed											Note: Do Not Bill TB-LB Samples  Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5320)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
TB-LB		3	W	G	11:55	HCl	Y	✓											Analyze in order shown
BB		↓	↓	↓	12:55	↓	↓	✓											
C-1		↓	↓	↓	13:05	↓	↓	✓											
C-5		↓	↓	↓	13:30	↓	↓	✓											
C-2		↓	↓	↓	13:00	↓	↓	✓											

Please Initial: EE  
Samples Stored in ice. yes  
Appropriate containers yes  
Samples preserved yes  
CAs without headspace yes  
Comments: OK

Relinquished By (Signature) <u>Carol Eaton</u>	Organization <u>SES</u>	Date/Time <u>9/7/93 4:30</u>	Received By (Signature) _____	Organization _____	Date/Time _____	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>No Contracted</u>
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received By (Signature) _____	Organization _____	Date/Time _____	
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received For Laboratory By (Signature) _____	Organization _____	Date/Time <u>9/7/93 12:30</u>	

9/7/93  
EE



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: ARGY MENA

Project 1-206-04  
Reported 03/30/93

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
88133- 1	TB-LB	03/23/93	03/27/93 Water
88133- 2	BB	03/23/93	03/25/93 Water
88133- 3	C-1	03/23/93	03/31/93 Water
88133- 4	C-3	03/23/93	03/26/93 Water
88133- 5	C-2	03/23/93	03/25/93 Water
88133- 6	C-5	03/23/93	03/26/93 Water

## RESULTS OF ANALYSIS

Laboratory Number:	88133- 1	88133- 2	88133- 3	88133- 4	88133- 5
Gasoline:	ND<50	ND<50	200 ✓	ND<50	80 ✓
Benzene:	ND<0.5	ND<0.5	13 ✓	1.1	5.0 ✓
Toluene:	ND<0.5	ND<0.5	8.7 ✓	1.4	7.9 ✓
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5 ✓	ND<0.5	6.0 ✓
Xylenes:	ND<1.5	ND<1.5	10 ✓	1.7	18 ✓
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Laboratory Number: 88133- 6

Gasoline:	ND<50 ✓
Benzene:	1.5 ✓
Toluene:	0.9 ✓
Ethyl Benzene:	ND<0.5 ✓
Xylenes:	ND<1.5 ✓
Concentration:	ug/L



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

## C E R T I F I C A T E   O F   A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 88133

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	100/88	13%	70-130
Benzene:	102/91	11%	70-130
Toluene:	103/93	10%	70-130
Ethyl Benzene:	105/95	10%	70-130
Xylenes:	103/93	10%	70-130

Richard Srna, Ph.D.

*Delomina V. Langquilig (for)*  
Laboratory Director

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

# Chain-of-Custody-Record

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

Chevron Facility Number 9-5630  
Facility Address 997 GRANT AVE, SAN LORENZO  
Consultant Project Number 1-206-04  
Consultant Name SIERRA ENVIRONMENTAL  
Address PO BOX 2540, MARTINEZ, CA  
Project Contact (Name) ARBY MENA  
(Phone) (510) 370-1286 (Fax Number) (510) 370-7954

Chevron Contact (Name) MS. NANCY VUKELICH  
(Phone) 842-9581  
Laboratory Name SUPERIOR PRECISION ANALYTICAL  
Laboratory Release Number 424 7210  
Samples Collected by (Name) R. HILTON  
Collection Date 3/23/93  
Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed													
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)						
TB-LB		3	E	G	1130	HCL	Y	✓													
BB		3	E	G	1136	HCL	Y	✓													
C-1		3	E	G	1254	HCL	Y	✓													
C-3		3	E	G	1304	HCL	Y	✓													
C-2		3	E	G	1315	HCL	Y	✓													
C-5		3	W	G	1146	HCL	Y	✓													

Note:  
Do Not Bill  
TB-LB Samples

Remarks

Please initial:

_____	AS	
_____	✓	40C
_____	✓	
_____	✓	
_____	✓	
_____		

Analyze in  
LISTED ORDER

↓

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SES</u>	Date/Time <u>3/23/93 1600</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>	Date/Time <u>3/23/93 4:00</u>	

Turn Around Time (Circle Choice)

24 Hrs.  
48 Hrs.  
5 Days  
10 Days  
As Contracted

3/23/93  
[Signature]

COC-3.DWG/03 91/HCH



# Superior Precision Analytical, Inc.

P.O. Box 1545 • Martinez, California 94553 • (510) 229-1590 / fax (510) 229-0916

Sierra Environmental  
Attn: Chris Bramer

Project 1-206-04  
Reported 12/09/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
87323- 1	TB-LB	12/01/92	12/08/92 Water
87323- 2	BB	12/01/92	12/08/92 Water
87323- 3	C-1	12/01/92	12/08/92 Water
87323- 4	C-2	12/01/92	12/08/92 Water
87323- 5	C-3	12/01/92	12/08/92 Water

## RESULTS OF ANALYSIS

Laboratory Number:	87323- 1	87323- 2	87323- 3	87323- 4	87323- 5
Gasoline:	ND<50	ND<50	ND<50	1000 ✓	54 ✓
Benzene:	ND<0.5	ND<0.5	0.6 ✓	47 ✓	0.8 ✓
Toluene:	ND<0.5	ND<0.5	3.5 ✓	83 ✓	5.7 ✓
Ethyl Benzene:	ND<0.5	ND<0.5	0.7 ✓	51 ✓	1.1 ✓
Xylenes:	ND<0.5	ND<0.5	3.4 ✓	150 ✓	5.9 ✓
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 87323

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 mg	96/97	1%	70-130
Benzene:	200 ng	97/99	2%	70-130
Toluene:	200 ng	95/97	2%	70-130
Ethyl Benzene:	200 ng	99/100	1%	70-130
Xylenes:	200 ng	97/99	2%	70-130

Richard Srna, Ph.D.  
*Nancy A. Nelson for*  
Laboratory Director

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

Chevron Facility Number #9-5030  
 Facility Address 997 Grant Ave., San Lorenzo, CA  
 Consultant Project Number 1-206-04  
 Consultant Name Sierra Environmental Services  
 Address PO Box 2546, Martinez, CA  
 Project Contact (Name) Chris Braner  
 (Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) Nancy Vuklich  
 (Phone) 842-9581  
 Laboratory Name Superior Precision Analytical  
 Laboratory Release Number 4247210  
 Samples Collected by (Name) Carol Eaton  
 Collection Date 12/1/92  
 Signature Carol Eaton

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed											Remarks					
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Greases (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)									
TB-1B	1	3	W	G	12:10	HCl	Y	✓															Analyze in order ↓	
BB	2	↓	↓	↓	12:15	↓	↓	✓																
C-1	3	↓	↓	↓	12:20	↓	↓	✓																
C-2	4	↓	↓	↓	12:30	↓	↓	✓																
C-3	5	↓	↓	↓	12:40	↓	↓	✓																

Please Initial:  
 Samples Stored in Ice  
 Appropriate containers  
 Samples preserved  
 Vials with no headspace  
 Comments:

Relinquished By (Signature) <u>Carol Eaton</u>	Organization <u>SES</u>	Date/Time <u>12/1/92 3:25 pm</u>	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>Afsanah Salameh</u>		Date/Time <u>12/1/92 3:25</u>	





# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: Chris Bramer

Project 1-206-04  
Reported 09/16/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
86607- 1	TB-LB	09/02/92	09/09/92 Water
86607- 2	BB	09/02/92	09/10/92 Water
86607- 3	C1	09/02/92	09/10/92 Water
86607- 4	C2	09/02/92	09/09/92 Water
86607- 5	C3	09/02/92	09/10/92 Water

## RESULTS OF ANALYSIS

Laboratory Number: 86607- 1 86607- 2 86607- 3 86607- 4 86607- 5

Gasoline:	ND<50	ND<50	ND<50 ✓	630 ✓	ND<50
Benzene:	ND<0.5	ND<0.5	ND<0.5 ✓	14 ✓	ND<0.5
Toluene:	ND<0.5	ND<0.5	ND<0.5 ✓	30 ✓	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5 ✓	18 ✓	ND<0.5
Xylenes:	ND<0.5	0.4 ✓	ND<0.5 ✓	54 ✓	0.9 ✓
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



C E R T I F I C A T E   O F   A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 86607

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 ng	93/95	2%	70-130
Benzene:	200 ng	98/97	1%	70-130
Toluene:	200 ng	104/105	1%	70-130
Ethyl Benzene:	200 ng	105/106	1%	70-130
Xylenes:	200 ng	102/103	1%	70-130

Richard Srna, Ph.D.  
*Nancy A. Nelson for*  
Laboratory Director

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

96607

Chain-of-Custody-Record

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

Chevron Facility Number 9-5630  
Facility Address 997 Grant Ave San Lorenzo  
Consultant Project Number 1-206-04  
Consultant Name Sierra Environmental Services  
Address PO Box 7546 Martinez CA  
Project Contact (Name) Chris Brainer  
(Phone) 510-370-1280 (Fax Number) 510-370-7959

Chevron Contact (Name) Nancy Vukelich  
(Phone) 842-9581  
Laboratory Name Superior Precision Analytical  
Laboratory Release Number 4247210  
Samples Collected by (Name) Jim Groen  
Collection Date 9-2-92  
Signature Jim Groen

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)			
TB-LB	1	3	W	G	9:30	HCL	Y	✓										Note: Do Not Bill TB-LB Samples  analyze in order ↓
BB	2				9:35			✓										
C-1	3				10:44			✓										
C-2	4				11:02			✓										
C-3	5				11:38			✓										

Please Initial BW

Samples Stored in ice. ✓

Appropriate containers ✓

Samples preserved ✓

VOA's without headspace ✓

Comments:

Relinquished By (Signature) <u>Jim Groen</u>	Organization <u>SES</u>	Date/Time <u>9-2-92 1:35P</u>	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)  24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>CA</u>	Organization	Date/Time <u>9/2/92</u>	



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Sierra Environmental  
Attn: CHRIS CONNER

Project 1-206-04  
Reported 06/10/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
85871- 1	TB-LB	06/03/92	06/05/92 Water
85871- 2	BB	06/03/92	06/05/92 Water
85871- 3	C-1	06/03/92	06/05/92 Water
85871- 4	C-2	06/03/92	06/05/92 Water
85871- 5	C-3	06/03/92	06/10/92 Water

## RESULTS OF ANALYSIS

Laboratory Number:	85871- 1	85871- 2	85871- 3	85871- 4	85871- 5
--------------------	----------	----------	----------	----------	----------

Gasoline:	ND<50	ND<50	ND<50 <sup>e</sup>	180	7600 ✓
Benzene:	ND<0.5	ND<0.5	1.4 ✓	12 ✓	94 ✓
Toluene:	ND<0.5	ND<0.5	1.5 ✓	13 ✓	86 ✓
Ethyl Benzene:	ND<0.5	ND<0.5	0.6 ✓	7.9 ✓	26 ✓
Xylenes:	ND<0.5	ND<0.5	3.0 ✓	21 ✓	89 ✓
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



# Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

## C E R T I F I C A T E O F A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 85871

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 ng	96/101	6	70-130
Benzene:	200 ng	103/100	3	70-130
Toluene:	200 ng	100/98	2	70-130
Ethyl Benzene:	200 ng	107/104	3	70-130
Xylenes:	200 ng	97/93	4	70-130

Richard Srna, Ph.D.

*Monica Jangulic* (for)  
Laboratory Director

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

Chevron Facility Number 9-5630  
Facility Address 997 GRANT AVE, SAN LORENZO  
Consultant Project Number 1-206-04  
Consultant Name SIERRA ENVIRONMENTAL  
Address PO BOX 2546, MARTINEZ  
Project Contact (Name) CHRIS BRAMER  
(Phone) 370-210 (Fax Number) 370.7959

Chevron Contact (Name) NANCY VUKELICH  
(Phone) (510) 842-9581  
Laboratory Name SUPERIOR PRECISION ANALYTICAL  
Laboratory Release Number 4247210  
Samples Collected by (Name) ARGY MENA  
Collection Date 3 JUNE '92  
Signature Argy Mena

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed												Remarks			
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)								
TB-LB		3	W	G	1010	HAL	Y	✓															ANALYZE IN ORDER
BB		↓	↓	↓	1015	↓	↓	↓															↓
C-1		↓	↓	↓	1020	↓	↓	↓															
C-2		↓	↓	↓	1055	↓	↓	↓															
C-3		↓	↓	↓	1135	↓	↓	↓															

Note:  
Do Not Bill  
TB-LB Sample

Please Initial:  
Samples stored in ice: ✓  
Appropriate containers: ✓  
Samples preserved: ✓  
VOA's without headspace: ✓  
Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Relinquished By (Signature) <u>Argy Mena</u>	Organization <u>SEJ</u>	Date/Time <u>3 JUNE 92</u>	Received By (Signature) <u>F. J. ...</u>	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>F. J. ...</u>	Date/Time <u>6-3-92</u>		

COC-3.DWG/03 91/1GH

1:10 AM