

**CAMBRIA** Environmental Technology  
1144 65th Street, Suite C - Oakland, CA 94608 • (510) 420-0700 • Fax (510) 420-9170

## FAX TRANSMITTAL

**TO:** Ms. Susan Hugo

**FROM:** Paul Waite

**COMPANY:** Alameda County Environmental Health

**DATE:** October 4, 1996

**FAX NUMBER:** (510) 337-9335

**PROJECT NUMBER:**

**SUBJECT:** Shell Service Station,  
999 San Pablo, Albany

**PAGES TO FOLLOW:** 50

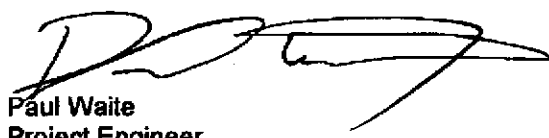
Dear Ms. Hugo:

Attached is the analytic data for soil samples collected at this site along with a sketch showing the sample locations. We will send you a table summarizing the analytic data along with a CADD drawing showing the sample locations later next week.

Borings B-4 through B-8 were drilled in the area where the new USTs will be installed. As we have discussed, we would like to use the soil that will be excavated for the new UST location to backfill the excavation for the USTs that are being removed.

Please contact me at (510) 420-9185 if you have any questions or comments. Thank you for your assistance.

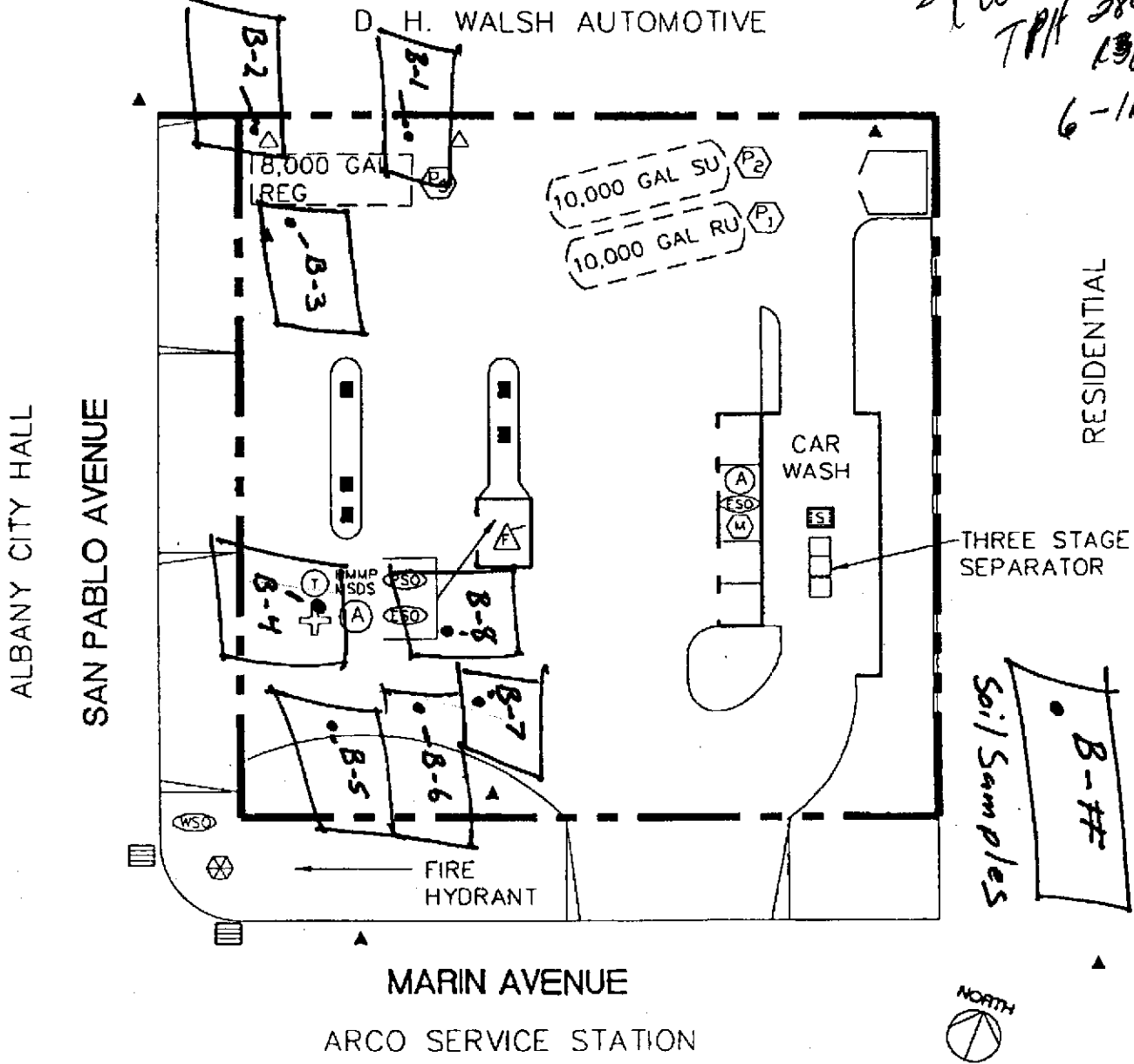
Sincerely,

  
Paul Waite  
Project Engineer

*Oct 21  
Schedule UST removal*

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*2 observation wells  
1 well  
TPH 280 ppm  
13ft  
6-12ft actual*



*Soil Samples  
B-#*

SELF SERVICE STATION LEGEND

SCALE: 1" = 20'-0"±

DATE: 06-14-91

- |                           |                        |
|---------------------------|------------------------|
| EMERGENCY PUMP SHUT-OFF   | TANK MONITORING ALARM  |
| ELECTRICAL PANEL SHUT-OFF | MONITORING WELLS       |
| NATURAL GAS SHUT-OFF      | OBSERVATION WELLS      |
| WATER SHUT-OFF            | MOTOR/TRANSMISSION OIL |
| TELEPHONE                 | A.G. PRODUCT TANK      |
| FIRST AID KIT             | U.G. PRODUCT TANK      |
| FIRE EXTINGUISHER         | STORM DRAIN            |
| EMERGENCY ASSEMBLY AREA   | SANITATION SEWER       |
| HMMP AND MSDS LOCATION    | ABSORBENT              |

SITE PLAN  
999 SAN PABLO AVENUE  
ALBANY, CALIFORNIA 94706  
WC# 0079-0109



SHELL OIL COMPANY

**ROBERT H. LEE & ASSOCIATES, INC.**  
ARCHITECTURE ENGINEERING PLANNING  
1137 N. McDONELL BLVD. PETALUMA, CA 94954 • (707)765-1860



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## FAX TRANSMITTAL

TO: Susan Huse  
COMPANY: Alameda County  
FAX NUMBER: 510-337-9335  
SUBJECT: 999 San Pablo, Albany

FROM: Paul Waite  
DATE: 10/18/96  
PROJECT NUMBER:  
PAGES TO FOLLOW: 2

**COMMENTS:**

Susan,  
Attached is a table summarizing the soil data. We can discuss our plans in more detail during the tank pull, which is still scheduled for Monday, 10/21 at 10 am. Call if you have any questions, otherwise I'll see you at the site.

Thanks, and have a good weekend.

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## CAMBRIA

**Table 1. Soil Analytic Data - Shell Service Station WIC #204-0079-0109, 999 San Pablo Avenue, Berkeley, California**

Sample ID (Depth in Feet)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes
(All concentrations in parts per million)					
Samples Collected July 31, 1996					
B1 (3.0, 8.0, 13.0, 17.0)	2.4	0.015	<0.0050	<0.0050	<0.0050
B1 (8.0)	110	<0.10	0.43	1.1	3.1
B1 (13.0)	25	<0.0050	0.082	0.11	0.20
B1 (17.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B2 (3.0, 8.0, 13.0, 17.0)	1.0	<0.0050	<0.0050	<0.0050	<0.0050
B2 (8.0)	6.4	0.0056	0.035	0.021	0.063
B2 (13.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B2 (17.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B3 (3.0, 8.0, 13.0, 17.0)	1.3	0.0064	<0.0050	<0.0050	<0.0050
B3 (8.0)	1.5	0.0058	<0.0050	<0.0050	<0.0050
B3 (13.0)	81	0.62	<0.10	0.34	0.56
B3 (17.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B4 (3.0, 8.0, 13.0, 17.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B4 (8.0)	2.2	<0.0050	<0.0050	<0.0050	<0.0050
B4 (13.0)	3.2	0.48	<0.0050	<0.0050	<0.0050
B4 (17.0)	1.3	<0.0050	<0.0050	<0.0050	<0.0050
B5 (3.0, 8.0, 13.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B5 (8.0)	160	<0.0050	0.48	0.45	0.63
B5 (13.0)	280	<0.12	1.2	1.2	1.4
B6 (3.0, 8.0, 13.0, 17.0)	2.4	<0.0050	<0.0050	<0.0050	<0.0050
B6 (8.0)	81	<0.050	0.39	0.27	0.57
B6 (13.0)	87	<0.10	0.28	0.29	0.52
B6 (17.0)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
B7 (3.0, 8.0, 13.0, 17.0)	<1.0	0.012	0.0095	0.011	0.032
B7 (8.0)	22	<0.025	<0.025	0.086	0.18
B7 (13.0)	65	<0.025	<0.025	0.10	0.26
B7 (17.0)	20	<0.012	0.089	0.071	0.13

## CAMBRIA

**Table 1. Soil Analytic Data - Shell Service Station WIC #204-0079-0109, 999 San Pablo Avenue, Berkeley, California**

Sample ID (Depth in Feet)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes
(All concentrations in parts per million)					
B8 (3.0, 8.0, 13.0, 17.0)	< 1.0	< 0.0050	0.0088	0.0056	0.018
B8 (8.0)	220	< 0.12	0.90	1.7	1.6
B8 (13.0)	< 1.0	0.0094	0.0086	0.01	0.038
B8 (17.0)	< 1.0	0.010	0.012	0.11	0.036

**Abbreviations**

TPHg = Total petroleum hydrocarbons as gasoline.  
 < n = Compound not detected at a detection limit of n.

**Notes**

TPHg analyzed by modified EPA Method 8015.  
 Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8020.  
 \* = Chromatogram pattern indicates gasoline and unidentified hydrocarbons > C10.



# Sequoia Analytical

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608  
Attention: Brian Busch

Project: Shell 999 San Pablo Ave.

Enclosed are the results from samples received at Sequoia Analytical on August 2, 1996.  
The requested analyses are listed below:

<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9608230 -01	SOLID, B1-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -01	SOLID, B1-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -02	SOLID, B1-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -03	SOLID, B1-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -04	SOLID, B1-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -05	SOLID, B2-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -05	SOLID, B2-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -06	SOLID, B2-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -07	SOLID, B2-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -08	SOLID, B2-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -09	SOLID, B3-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -09	SOLID, B3-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -10	SOLID, B3-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -11	SOLID, B3-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -12	SOLID, B3-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -13	SOLID, B4-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -13	SOLID, B4-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -14	SOLID, B4-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -15	SOLID, B4-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -16	SOLID, B4-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -17	SOLID, B5-3.0, 8.0,13.0	07/31/96	ITTLCS Title 22: Metals, T



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<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9608230 -17	SOLID, B5-3.0, 8.0,13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -18	SOLID, B5-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -19	SOLID, B5-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -20	SOLID, B6-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -20	SOLID, B6-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -21	SOLID, B6-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -22	SOLID, B6-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -23	SOLID, B6-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -24	SOLID, B7-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -24	SOLID, B7-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -25	SOLID, B7-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -26	SOLID, B7-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -27	SOLID, B7-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -28	SOLID, B8-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -28	SOLID, B8-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -29	SOLID, B8-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -30	SOLID, B8-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -31	SOLID, B8-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

**SEQUOIA ANALYTICAL**

  
Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-01	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	N.D.
Arsenic, As	500	5.0	22
Barium, Ba	10000	5.0	110
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	54
Cobalt, Co	8000	2.5	8.0
Copper, Cu	2500	0.50	25
Lead, Pb	1000	5.0	6.7
Mercury, Hg	20	0.020	0.068
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	54
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	33
Zinc, Zn	5000	0.50	39

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-01	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	2.4
Benzene	0.0050	0.015
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	90

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B1-8.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-02

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	110
Benzene	0.10	N.D.
Toluene	0.10	0.43
Ethyl Benzene	0.10	1.1
Xylenes (Total)	0.10	3.1
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	124

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B1-13.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-03	Reported: 08/16/96


QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	25
Benzene	0.050	N.D.
Toluene	0.050	0.082
Ethyl Benzene	0.050	0.11
Xylenes (Total)	0.050	0.20
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	104

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 \_\_\_\_\_  
 Mike Gregory  
 Project Manager



**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-04	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
Attention: Brian Busch		

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	98

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B2-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-05	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	10	N.D.
Arsenic, As	500	5.0	20
Barium, Ba	10000	5.0	120
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	51
Cobalt, Co	8000	2.5	7.7
Copper, Cu	2500	0.50	25
Lead, Pb	1000	5.0	7.1
Mercury, Hg	20	0.020	0.083
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	68
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	34
Zinc, Zn	5000	0.50	45

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B2-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-05	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
Attention: Brian Busch		


QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.0
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	95

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**




---

Mike Gregory  
Project Manager





**CAMBRIA Environmental Technology**  
1144 65th Street, Suite C • Oakland, CA 94608 • (510) 420-0700 • Fax (510) 420-9170

## FAX TRANSMITTAL

**TO:** Ms. Susan Hugo

**FROM:** Paul Waite

**COMPANY:** Alameda County Environmental Health

**DATE:** October 4, 1996

**FAX NUMBER:** (510) 337-9335

**PROJECT NUMBER:**

**SUBJECT:** Shell Service Station,  
999 San Pablo, Albany

**PAGES TO FOLLOW:**

50

Dear Ms. Hugo:

Attached is the analytic data for soil samples collected at this site along with a sketch showing the sample locations. We will send you a table summarizing the analytic data along with a CADD drawing showing the sample locations later next week.

Borings B-4 through B-8 were drilled in the area where the new USTs will be installed. As we have discussed, we would like to use the soil that will be excavated for the new UST location to backfill the excavation for the USTs that are being removed.

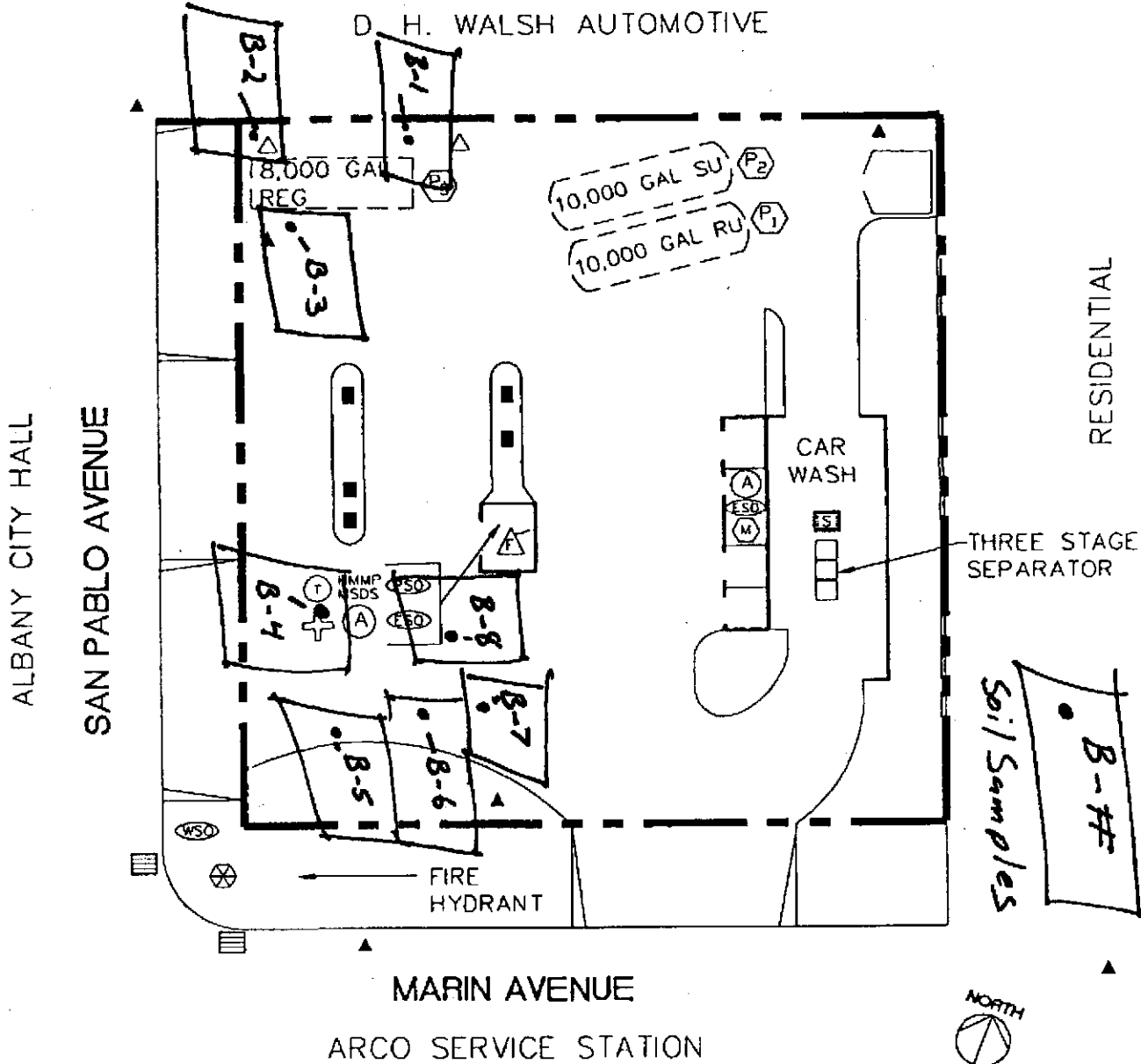
Please contact me at (510) 420-9185 if you have any questions or comments. Thank you for your assistance.

Sincerely,

Paul Waite  
Project Engineer

This fax transmittal is intended solely for use by the person or entity identified above. Any copying or distribution of this document by anyone other than the intended recipient is strictly prohibited. If you are not the intended recipient, please telephone us immediately and return the original transmittal to us at the address listed above.





SELF SERVICE STATION LEGEND

SCALE: 1" = 20'-0"±

DATE: 06-14-91

- |                           |                        |
|---------------------------|------------------------|
| EMERGENCY PUMP SHUT-OFF   | TANK MONITORING ALARM  |
| ELECTRICAL PANEL SHUT-OFF | MONITORING WELLS       |
| NATURAL GAS SHUT-OFF      | OBSERVATION WELLS      |
| WATER SHUT-OFF            | MOTOR/TRANSMISSION OIL |
| TELEPHONE                 | A.G. PRODUCT TANK      |
| FIRST AID KIT             | U.G. PRODUCT TANK      |
| FIRE EXTINGUISHER         | STORM DRAIN            |
| EMERGENCY ASSEMBLY AREA   | SANITATION SEWER       |
| HMMP, AND MSDS LOCATION   | ABSORBENT              |

SITE PLAN  
 999 SAN PABLO AVENUE  
 ALBANY, CALIFORNIA 94706  
 WC# 0079-0109



SHELL OIL COMPANY

**ROBERT H. LEE & ASSOCIATES, INC.**  
 ARCHITECTURE      ENGINEERING      PLANNING  
 1137 N. WOODWELL BLVD. PETALUMA, CA 94954 • (707)765-1000



# Sequoia Analytical

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FAX (415) 364-9233  
FAX (510) 988-9673  
FAX (916) 921-0100

Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608  
Attention: Brian Busch

Project: Shell 999 San Pablo Ave.

Enclosed are the results from samples received at Sequoia Analytical on August 2, 1996.  
The requested analyses are listed below:

<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9608230 -01	SOLID, B1-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -01	SOLID, B1-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -02	SOLID, B1-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -03	SOLID, B1-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -04	SOLID, B1-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -05	SOLID, B2-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -05	SOLID, B2-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -06	SOLID, B2-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -07	SOLID, B2-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -08	SOLID, B2-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -09	SOLID, B3-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -09	SOLID, B3-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -10	SOLID, B3-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -11	SOLID, B3-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -12	SOLID, B3-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -13	SOLID, B4-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -13	SOLID, B4-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -14	SOLID, B4-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -15	SOLID, B4-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -16	SOLID, B4-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -17	SOLID, B5-3.0, 8.0,13.0	07/31/96	ITTLCS Title 22: Metals, T



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<u>SAMPLE #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE COLLECTED</u>	<u>TEST METHOD</u>
9608230 -17	SOLID, B5-3.0, 8.0,13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -18	SOLID, B5-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -19	SOLID, B5-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -20	SOLID, B6-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -20	SOLID, B6-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -21	SOLID, B6-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -22	SOLID, B6-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -23	SOLID, B6-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -24	SOLID, B7-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -24	SOLID, B7-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -25	SOLID, B7-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -26	SOLID, B7-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -27	SOLID, B7-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -28	SOLID, B8-3.0, 8.0,13.0,17.0	07/31/96	ITTLCS Title 22: Metals, T
9608230 -28	SOLID, B8-3.0, 8.0,13.0,17.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -29	SOLID, B8-8.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -30	SOLID, B8-13.0	07/31/96	TPHGBS Purgeable TPH/BTEX
9608230 -31	SOLID, B8-17.0	07/31/96	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

**SEQUOIA ANALYTICAL**




---

Mike Gregory  
Project Manager



**Sequoia  
Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-01	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	N.D.
Arsenic, As	500	5.0	22
Barium, Ba	10000	5.0	110
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	54
Cobalt, Co	8000	2.5	8.0
Copper, Cu	2500	0.50	25
Lead, Pb	1000	5.0	6.7
Mercury, Hg	20	0.020	0.068
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	54
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	33
Zinc, Zn	5000	0.50	39

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



**Sequoia Analytical**

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819 Striker Avenue, Suite 8	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B1-3.0, 8.0,13.0,17.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-01	Reported: 08/16/96

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	2.4
Benzene	0.0050	0.015
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	90

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



Sequoia Analytical

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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-8.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-02	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

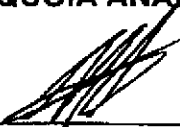
Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	110
Benzene	0.10	N.D.
Toluene	0.10	0.43
Ethyl Benzene	0.10	1.1
Xylenes (Total)	0.10	3.1
Chromatogram Pattern:		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	124

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210




---

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B1-13.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-03

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

Attention: Brian Busch

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	25
Benzene	0.050	N.D.
Toluene	0.050	0.082
Ethyl Benzene	0.050	0.11
Xylenes (Total)	0.050	0.20
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	104

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608  Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B1-17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-04	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	98

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager





**Sequoia Analytical**

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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B2-3.0, 8.0, 13.0, 17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-05	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	10	N.D.
Arsenic, As	500	5.0	20
Barium, Ba	10000	5.0	120
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	51
Cobalt, Co	8000	2.5	7.7
Copper, Cu	2500	0.50	25
Lead, Pb	1000	5.0	7.1
Mercury, Hg	20	0.020	0.083
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	68
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	34
Zinc, Zn	5000	0.50	45

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B2-3.0, 8.0, 13.0, 17.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-05	Reported: 08/16/96

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.0
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	95

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210




---

Mike Gregory  
Project Manager



**Sequoia Analytical**

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FAX (916) 921-0100

Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B2-8.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-06	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/08/96 Reported: 08/16/96
Attention: Brian Busch		

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	6.4
Benzene	0.0050	0.0056
Toluene	0.0050	0.035
Ethyl Benzene	0.0050	0.021
Xylenes (Total)	0.0050	0.063
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	121

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**




---

Mike Gregory  
Project Manager



**Sequoia Analytical**

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FAX (916) 921-0100

Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B2-13.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-07	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		N.D.
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	88

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



Sequoia Analytical

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FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B3-3.0, 8.0, 13.0, 17.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-09	Reported: 08/16/96

QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.3
Benzene	0.0050	0.0064
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	88

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

  
Mike Gregory  
Project Manager



**Sequoia Analytical**

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiget Lane	Walnut Creek, CA 94598	(510) 988-9600	FAX (510) 988-9673
819 Striker Avenue, Suite 8	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B3-8.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-10	Reported: 08/16/96


QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.5
Benzene	0.0050	0.0058
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	90

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
 \_\_\_\_\_  
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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B3-13.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-11	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	81
Benzene	0.10	0.62
Toluene	0.10	N.D.
Ethyl Benzene	0.10	0.34
Xylenes (Total)	0.10	0.56
Chromatogram Pattern:		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	113

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B3-17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-12	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	96

Analytes reported as N.D. were not present above the stated limit of detection.

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Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B4-3.0, 8.0,13.0,17.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/02/96
Attention: Brian Busch	Analysis Method: Title 22	Analyzed: 08/09/96
	Lab Number: 9608230-13	Reported: 08/16/96

QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	10	N.D.
Arsenic, As	500	5.0	17
Barium, Ba	10000	5.0	60
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	42
Cobalt, Co	8000	2.5	7.7
Copper, Cu	2500	0.50	18
Lead, Pb	1000	5.0	5.5
Mercury, Hg	20	0.020	0.077
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	50
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	14
Vanadium, V	2400	2.5	27
Zinc, Zn	5000	0.50	37

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608  Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B4-3.0, 8.0, 13.0, 17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-13	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXA  
 Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	89

Analytes reported as N.O. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 \_\_\_\_\_  
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Weiss Associates 5500 Shellmound Emeryville, CA 94608  Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B4-8.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-14	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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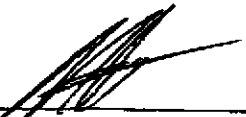
QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	2.2
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
\_\_\_\_\_  
Mike Gregory  
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Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B4-13.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-15	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
Attention: Brian Busch		


QC Batch Number: GC080796BTEXEXA  
Instrument ID: GCHP07

### Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	3.2
Benzene	0.0050	0.048
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	85

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**




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Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B4-17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-16	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.3
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	87

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**



Mike Gregory  
Project Manager



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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B5-3.0, 8.0,13.0  
Matrix: SOLID  
Analysis Method: Title 22  
Lab Number: 9608230-17

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/02/96  
Analyzed: 08/09/96  
Reported: 08/16/96

Attention: Brian Busch

QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	9.0
Arsenic, As	500	5.0	21
Barium, Ba	10000	5.0	94
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	36
Cobalt, Co	8000	2.5	10
Copper, Cu	2500	0.50	20
Lead, Pb	1000	5.0	6.2
Mercury, Hg	20	0.020	0.16
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	48
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	26
Zinc, Zn	5000	0.50	39

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Attention: Brian Busch

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B5-3.0, 8.0,13.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-17

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

QC Batch Number: GC0807968TEXEXB  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	93

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B5-8.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-18	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	160
Benzene	0.050	N.D.
Toluene	0.050	0.48
Ethyl Benzene	0.050	0.45
Xylenes (Total)	0.050	0.63
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	134 Q

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**



Mike Gregory  
Project Manager





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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Attention: Brian Busch

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B5-13.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-19

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	25	280
Benzene	0.12	N.D.
Toluene	0.12	1.2
Ethyl Benzene	0.12	1.2
Xylenes (Total)	0.12	1.4
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	144 Q

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
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Weiss Associates 5500 Shellmound Emeryville, CA 94608  Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B6-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-20	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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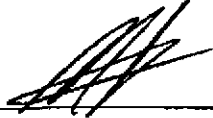
QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	7.6
Arsenic, As	500	5.0	23
Barium, Ba	10000	5.0	120
Beryllium, Be	75	0.50	0.58
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	43
Cobalt, Co	8000	2.5	11
Copper, Cu	2500	0.50	23
Lead, Pb	1000	5.0	6.2
Mercury, Hg	20	0.020	0.096
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	59
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	33
Zinc, Zn	5000	0.50	48

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B6-3.0, 8.0, 13.0, 17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-20	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP07

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	2.4
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
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819 Striker Avenue, Suite 8	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B6-8.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-21	Reported: 08/16/96

QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	81
Benzene	0.050	N.D.
Toluene	0.050	0.39
Ethyl Benzene	0.050	0.27
Xylenes (Total)	0.050	0.57
Chromatogram Pattern:		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	154 Q

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B6-13.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/07/96
	Lab Number: 9608230-22	Reported: 08/16/96

QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	87
Benzene	0.10	N.D.
Toluene	0.10	0.28
Ethyl Benzene	0.10	0.29
Xylenes (Total)	0.10	0.52
Chromatogram Pattern:		C7-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	96

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Attention: Brian Busch

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B6-17.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-23

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	89

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager



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<b>Weiss Associates</b>	<b>Client Proj. ID: Shell 999 San Pablo Ave.</b>	<b>Sampled: 07/31/96</b>
<b>5500 Shellmound</b>	<b>Sample Descript: B7-3.0, B.0,13.0,17.0</b>	<b>Received: 08/02/96</b>
<b>Emeryville, CA 94608</b>	<b>Matrix: SOLID</b>	<b>Extracted: 08/02/96</b>
<b>Attention: Brian Busch</b>	<b>Analysis Method: Title 22</b>	<b>Analyzed: 08/09/96</b>
	<b>Lab Number: 9608230-24</b>	<b>Reported: 08/16/96</b>

QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	N.D.
Arsenic, As	500	5.0	30
Barium, Ba	10000	5.0	160
Beryllium, Be	75	0.50	0.58
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	56
Cobalt, Co	8000	2.5	12
Copper, Cu	2500	0.50	27
Lead, Pb	1000	5.0	7.1
Mercury, Hg	20	0.020	0.085
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	64
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	42
Zinc, Zn	5000	0.50	49

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
\_\_\_\_\_  
Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: 87-3.0, 8.0, 13.0, 17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-24	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/08/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	0.012
Toluene	0.0050	0.0095
Ethyl Benzene	0.0050	0.011
Xylenes (Total)	0.0050	0.032
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	91

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager





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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: 87-8.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-25

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/07/96  
Reported: 08/16/96

Attention: Brian Busch

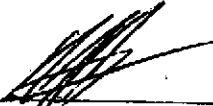
QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	22
Benzene	0.025	N.D.
Toluene	0.025	N.D.
Ethyl Benzene	0.025	0.086
Xylenes (Total)	0.025	0.18
Chromatogram Pattern:		C7-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	103

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B7-13.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-26	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/07/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	65
Benzene	0.025	N.D.
Toluene	0.025	N.D.
Ethyl Benzene	0.025	0.10
Xylenes (Total)	0.025	0.26
Chromatogram Pattern:		C7-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	122

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B7-17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-27	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/08/96 Reported: 08/16/96
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QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	2.5	20
Benzene	0.012	N.D.
Toluene	0.012	0.089
Ethyl Benzene	0.012	0.071
Xylenes (Total)	0.012	0.13
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	156 Q

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager



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Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B8-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: Title 22 Lab Number: 9608230-28	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/02/96 Analyzed: 08/09/96 Reported: 08/16/96
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QC Batch Number: ME0802966010MDA  
Instrument ID: MTJA-2

**Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC**

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	10	8.2
Arsenic, As	500	5.0	24
Barium, Ba	10000	5.0	200
Beryllium, Be	75	0.50	0.57
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	2500	0.50	43
Cobalt, Co	8000	2.5	13
Copper, Cu	2500	0.50	23
Lead, Pb	1000	5.0	6.6
Mercury, Hg	20	0.020	0.083
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	2000	2.5	73
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	2400	2.5	44
Zinc, Zn	5000	0.50	52

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Mike Gregory  
Project Manager



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FAX (916) 921-0100


Weiss Associates 5500 Shellmound Emeryville, CA 94608	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B8-3.0, 8.0,13.0,17.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-28	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/08/96 Reported: 08/16/96
QC Batch Number: GC080796BTEXEXB Instrument ID: GCHP18		

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	0.0088
Ethyl Benzene	0.0050	0.0056
Xylenes (Total)	0.0050	0.018
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	97

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

  
 \_\_\_\_\_  
 Mike Gregory  
 Project Manager



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Weiss Associates	Client Proj. ID: Shell 999 San Pablo Ave.	Sampled: 07/31/96
5500 Shellmound	Sample Descript: B8-8.0	Received: 08/02/96
Emeryville, CA 94608	Matrix: SOLID	Extracted: 08/07/96
Attention: Brian Busch	Analysis Method: 8015Mod/8020	Analyzed: 08/08/96
	Lab Number: 9608230-29	Reported: 08/16/96


QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	25	220
Benzene	0.12	N.D.
Toluene	0.12	0.90
Ethyl Benzene	0.12	1.7
Xylenes (Total)	0.12	1.6
Chromatogram Pattern:		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	168 Q

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**




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Mike Gregory  
Project Manager



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FAX (916) 921-0100

Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	Client Proj. ID: Shell 999 San Pablo Ave. Sample Descript: B8-13.0 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9608230-30	Sampled: 07/31/96 Received: 08/02/96 Extracted: 08/07/96 Analyzed: 08/08/96 Reported: 08/16/96
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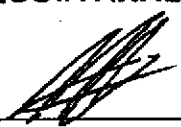
QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	0.0094
Toluene	0.0050	0.0086
Ethyl Benzene	0.0050	0.01
Xylenes (Total)	0.0050	0.038
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	91

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210




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Mike Gregory  
Project Manager



**Sequoia Analytical**

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Weiss Associates  
5500 Shellmound  
Emeryville, CA 94608

Attention: Brian Busch

Client Proj. ID: Shell 999 San Pablo Ave.  
Sample Descript: B8-17.0  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9608230-31

Sampled: 07/31/96  
Received: 08/02/96  
Extracted: 08/07/96  
Analyzed: 08/08/96  
Reported: 08/16/96

QC Batch Number: GC080796BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	0.010
Toluene	0.0050	0.012
Ethyl Benzene	0.0050	0.11
Xylenes (Total)	0.0050	0.036
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	90

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





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Weiss & Associates  
5500 Shellmound  
Emeryville, CA 94608  
Attention: Brian Busch

Client Project ID: Shell 999 San Pablo Ave.  
Matrix: Solid

Work Order #: 9608230 -01 -15

Reported: Aug 19, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC080796BTEXEXA	GC080796BTEXEXA	GC080796BTEXEXA	GC080796BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Heider	J. Heider	J. Heider	J. Heider
MS/MSD #:	G9607F43-13	G9607F43-13	G9607F43-13	G9607F43-13
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/7/96	8/7/96	8/7/96	8/7/96
Analyzed Date:	8/7/96	8/7/96	8/7/96	8/7/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg

Result:	0.15	0.16	0.16	0.47
MS % Recovery:	75	80	80	78

Dup. Result:	0.15	0.15	0.15	0.44
MSD % Recov.:	75	75	75	73

RPD:	0.0	6.5	6.5	6.6
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	GBLK080696	GBLK080696	GBLK080696	GBLK080696
Prepared Date:	8/7/96	8/7/96	8/7/96	8/7/96
Analyzed Date:	8/7/96	8/7/96	8/7/96	8/7/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
LCS Result:	0.16	0.16	0.17	0.50
LCS % Recov.:	80	80	85	83

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

**SEQUOIA ANALYTICAL**

*[Signature]*  
Mike Gregory  
Project Manager

**Please Note:**  
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS= Matrix Spike, MSD= MS Duplicate, RPD=Relative % Difference

9608230.WAA <1>



**Sequoia Analytical**

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404 N. Wiget Lane  
819 Striker Avenue, Suite 8

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834

(415) 364-9600  
(510) 988-9600  
(916) 921-9600

FAX (415) 364-9233  
FAX (510) 988-9673  
FAX (916) 921-0100

Weiss & Associates  
5500 Shellmound  
Emeryville, CA 94608  
Attention: Brian Busch

Client Project ID: Shell 999 San Pablo Ave.  
Matrix: Solid

Work Order #: 9608230 -16 -31

Reported: Aug 19, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC0807968TEXEXB	GC0807968TEXEXB	GC0807968TEXEXB	GC0807968TEXEXB
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	Y. Arteaga	Y. Arteaga	Y. Arteaga	Y. Arteaga
MS/MSD #:	G9607F43-13	G9607F43-13	G9607F43-13	G9607F43-13
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/7/96	8/7/96	8/7/96	8/7/96
Analyzed Date:	8/7/96	8/7/96	8/7/96	8/7/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
Result:	0.15	0.16	0.16	0.48
MS % Recovery:	75	80	80	80
Dup. Result:	0.15	0.15	0.15	0.46
MSD % Recov.:	75	75	75	77
RPD:	0.0	6.5	6.5	4.3
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	GBLK080796	GBLK080796	GBLK080796	GBLK080796
Prepared Date:	8/7/96	8/7/96	8/7/96	8/7/96
Analyzed Date:	8/7/96	8/7/96	8/7/96	8/7/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
LCS Result:	0.16	0.16	0.16	0.48
LCS % Recov.:	80	80	80	80

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**

*Mike Gregory*  
Mike Gregory  
Project Manager

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9608230.WAA <2>



**Sequoia Analytical**

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FAX (916) 921-0100

<b>Weiss &amp; Associates</b> 5500 Shellmound Emeryville, CA 94608 Attention: Brian Busch	<b>Client Project ID:</b> Shell 999 San Pablo Ave. <b>Matrix:</b> Solid	<b>Work Order #:</b> 9608230 01, 05, 09, 13, 17, 20, 24, 28	<b>Reported:</b> Aug 19, 1996
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**QUALITY CONTROL DATA REPORT**

Analyte:	Beryllium	Cadmium	Chromium	Nickel
<b>QC Batch#:</b>	ME0808966010MDA	ME0808966010MDA	ME0808966010MDA	ME0808966010MDA
<b>Analy. Method:</b>	EPA 6010	EPA 6010	EPA 6010	EPA 6010
<b>Prep. Method:</b>	EPA 3050	EPA 3050	EPA 3050	EPA 3050

Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
<b>MS/MSD #:</b>	9608230-01	9608230-01	9608230-01	9608230-01
<b>Sample Conc.:</b>	N.D.	N.D.	54	54
<b>Prepared Date:</b>	8/8/96	8/8/96	8/8/96	8/8/96
<b>Analyzed Date:</b>	8/9/96	8/9/96	8/9/96	8/9/96
<b>Instrument I.D.#:</b>	MTJA2	MTJA2	MTJA2	MTJA2
<b>Conc. Spiked:</b>	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
<b>Result:</b>	99	92	150	150
<b>MS % Recovery:</b>	99	92	96	96
<b>Dup. Result:</b>	97	91	150	140
<b>MSD % Recov.:</b>	97	91	96	86
<b>RPD:</b>	2.0	1.1	0.0	6.9
<b>RPD Limit:</b>	0-20	0-20	0-20	0-20

LCS #:	BLK080896	BLK080896	BLK080896	BLK080896
<b>Prepared Date:</b>	8/8/96	8/8/96	8/8/96	8/8/96
<b>Analyzed Date:</b>	8/9/96	8/9/96	8/9/96	8/9/96
<b>Instrument I.D.#:</b>	MTJA2	MTJA2	MTJA2	MTJA2
<b>Conc. Spiked:</b>	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
<b>LCS Result:</b>	100	97	100	99
<b>LCS % Recov.:</b>	100	97	100	99

MS/MSD	80-120	80-120	80-120	80-120
<b>LCS</b>				
<b>Control Limits</b>				

**Please Note:**  
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**

*Signature*  
**Mike Gregory**  
Project Manager

\*\* MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9608230.WAA <3>



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Weiss & Associates  
5500 Shellmound  
Emeryville, CA 94608  
Attention: Brian Busch

Client Project ID: Shell 999 San Pablo Ave.  
Matrix: Solid

Work Order #: 9608230 01, 05, 09, 13, 17, 20, 24, 28 Reported: Aug 19, 1996

**QUALITY CONTROL DATA REPORT**

**Analyte:** Mercury

**QC Batch#:** ME0814967471M4B  
**Analy. Method:** EPA 7471  
**Prep. Method:** EPA 7471

**Analyst:** T. Hua  
**MS/MSD #:** 9608230-01  
**Sample Conc.:** 0.068  
**Prepared Date:** 8/14/96  
**Analyzed Date:** 8/14/96  
**Instrument I.D.#:** MPE4  
**Conc. Spiked:** 0.40 mg/kg

**Result:** 0.41  
**MS % Recovery:** 86

**Dup. Result:** 0.39  
**MSD % Recov.:** 81

**RPD:** 5.0  
**RPD Limit:** 0-30

**LCS #:** BLK081496

**Prepared Date:** 8/14/96  
**Analyzed Date:** 8/14/96  
**Instrument I.D.#:** MPE4  
**Conc. Spiked:** 0.40 mg/kg

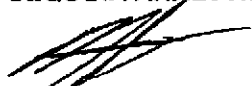
**LCS Result:** 0.33  
**LCS % Recov.:** 83

**MS/MSD** 80-120  
**LCS**  
**Control Limits**

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**



Mike Gregory  
Project Manager

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9608230.WAA <4>

1 2 3 4 5 6 7 8



**SHELL OIL COMPANY**  
RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**

Serial No: \_\_\_\_\_

Date: **7/31/96**  
Page \_\_\_\_\_ of \_\_\_\_\_

Site Address: **999 San Pablo Ave, Albany**

Analysis Required

LAB: **Sequoia**

WIC#: **204-0079-0109**

Shell Engineer: **Jeff Gramberry**

Consultant Name & Address: **WEISS ASSOCIATES  
5500 SHELLMOUND ST EMERYVILLE CA 94608**

Consultant Contact: **Phone No: (510) 450-6000  
(510) 450-6000  
Fax #: 547-5043**

Comments: **Sampled by: Yi-Ran Wu**

Printed Name: **Yi-Ran Wu**

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	Analysis Required		Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
							TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)						
B1-3.07	7/31		X			1						Y	Soil-Gas	Good
B1-8.0														
B1-13.0														
B1-17.0														
B2-3.07														
B2-8.0														
B2-13.0														
B2-17.0														

Relinquished By (Signature): *[Signature]* Printed Name: **Yi-Ran Wu** Date: **8/1/96** Time: **07:30**

Relinquished By (Signature): *[Signature]* Printed Name: **Scott Chavoy** Date: **8/1/96** Time: **07:30**

Relinquished By (Signature): *[Signature]* Printed Name: **Scott Chavoy** Date: **8/1/96** Time: **07:30**

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS



**SHELL OIL COMPANY**  
 RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**

Serial No: \_\_\_\_\_

Date: **7/31/96**  
 Page of \_\_\_\_\_

Site Address: **999 San Pablo Ave, Albany**

WIC#: **204-0079-0109**

Shell Engineer: **Jeff Granberry**  
 Phone No: (510) **675-6168**  
 Fax #: **675-6172**

Consultant Name & Address: **WEISS ASSOCIATES**  
**5500 SHELLMOUND ST EMERYVILLE CA 94608**

Consultant Contact: **WA JOB #81-0699-05**  
 Phone No: (510) **450-6000**  
 Fax #: **547-5043**

Comments:

Sampled by: **Yi-Ran Wu**  
 Printed Name: **Yi-Ran Wu**

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal (See attached)	Combination TPH 8015 & BTEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
9	B3-3.07	7/31	X			1					X					Y	Soil-Gas	Good
10	B3-8.0																	
11	B3-13.0																	
12	B3-17.0																	
13	B4-3.07																	
14	B4-8.0																	
15	B4-13.0																	
16	B4-17.0																	

Analysis Required

LAB: **Seguira**

CHECK ONE (1) BOX ONLY:  G.W. Monitoring  4461  24 hours  TURN AROUND TIME

Site Investigation  4441  48 hours

Soil Classify/Disposal  4442  15 days  (Normal)

Water Clarity/Disposal  4443  Other:

Soil/Air Rem. or Svr.  4452

O & M  4453

Water Rem. or Svr.  4453

Other:

NOTE: Notify Lab as soon as possible of O & M. FAX 24/48 hr. FAX

UST AGENCY: **ACDEH**

Relinquished By (signature): **[Signature]** Printed Name: **RAVIN BISHU** Date: **8/1/96** Received (signature): **[Signature]** Received (signature): **[Signature]** Printed Name: **[Signature]** Date: **8-2-96**

Relinquished By (signature): **[Signature]** Printed Name: **U. KIL** Date: **8-1-96** Received (signature): **[Signature]** Received (signature): **[Signature]** Printed Name: **[Signature]** Date: **8-1-96**

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

REV 1/95



**SHELL OIL COMPANY**  
RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**

Serial No: \_\_\_\_\_

Date: **7/31/96**  
Page of \_\_\_\_\_

Site Address: **999 San Pablo Ave, Albany**

WIC#: **204-0079-0109**

Shell Engineer: **Jeff Granberry**  
Phone No. (510) **675-6168**  
Fax #: **675-6172**

Consultant Name & Address: **WEISS ASSOCIATES**  
**5500 SHELLMOUND ST EMERYVILLE CA 94608**

Consultant Contact: **WA JOB #81-0699-05**  
Phone No. (510) **450-6000**  
Fax #: **547-5043**

Comments:

Sampled by: **Di-Ran Wn**

Printed Name: **Di-Ran Wn**

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.
B5-3.07	7/31		X			1
B5-8.0						1
B5-13.0						1
<del>B-17.07</del>						
B6-3.07						
B6-8.0						
B6-13.0						
B6-17.0						

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal (See attached)	Combination TPH 8015 & BTEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N
				X					Y

Analysis Required

LAB: **Seguioia**

CHECK ONE (1) BOX ONLY	CI/DI	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4441	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Classify/Disposal <input checked="" type="checkbox"/>	4442	15 days <input checked="" type="checkbox"/> (Normal)
Water Classify/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

UST AGENCY: **ACDEH**

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
Soil-Gas	Good

Relinquished By (signature): **[Signature]**  
Printed Name: **Blum**  
Date: **8/1/96**  
Time: **12:30**

Relinquished By (signature): **[Signature]**  
Printed Name: **Blum**  
Date: **8/2/96**  
Time: **12:10**

Relinquished By (signature): **[Signature]**  
Printed Name: **Blum**  
Date: **8/2/96**  
Time: **05:30**

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS



**SHELL OIL COMPANY**  
RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**  
Serial No: \_\_\_\_\_

Date: **7/31/96**  
Page of \_\_\_\_\_

Site Address: **999 San Pablo Ave, Albany**

WIC#: **204-0079-0109**

Shell Engineer: **Jeff Granberry**  
Phone No: (510) **675-6168**  
Fax #: **675-6172**

Consultant Name & Address: **WEISS ASSOCIATES**  
**5500 SHELLMOUND ST EMERYVILLE CA 94608**

Consultant Contact: **WA JOB #81-0699-05**  
Phone No: (510) **450-6000**  
Fax #: **547-5043**

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

Sampled by: **Di-Ran Wu**  
Printed Name: **Di-Ran Wu**

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	Analysis Required					Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
							TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal (See attached)						
<b>B7-3.07</b>	<b>7/31</b>		<b>X</b>			<b>1</b>				<b>X</b>				<b>Y</b>	<b>Soil-Gas</b>	<b>Good</b>	
<b>B7-8.0</b>			<b>Composite</b>														
<b>B7-13.0</b>			<b>Composite</b>														
<b>B7-17.0</b>																	
<b>B8-3.07</b>																	
<b>B8-8.0</b>			<b>Composite</b>														
<b>B8-13.0</b>			<b>Composite</b>														
<b>B8-17.0</b>																	

Relinquished By (signature): \_\_\_\_\_  
 Relinquished By (signature): \_\_\_\_\_  
 Relinquished By (signature): \_\_\_\_\_  
 Relinquished By (signature): \_\_\_\_\_

Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**

Date: **8/1/96**  
 Date: **8/1/96**  
 Date: **8/1/96**  
 Date: **8/1/96**

Time: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_

Received (signature): \_\_\_\_\_  
 Received (signature): \_\_\_\_\_  
 Received (signature): \_\_\_\_\_  
 Received (signature): \_\_\_\_\_

Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**  
 Printed Name: **Di-Ran Wu**

Date: **8/2/96**  
 Date: **8/12/96**  
 Date: **8/12/96**  
 Date: **8/12/96**

Time: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

REVISION OF CHAIN OF CUSTODY