



Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

July 8, 1999

Ann Pember
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

RE: Shell(2)/L906287

Dear Ann Pember:

Enclosed are the results of analyses for sample(s) received by the laboratory on June 18, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tim Costello
Lab Director

CA ELAP Certificate Number I-2360

<i>MTBE</i>		<i>6/99</i>
5.2		147
3		ND
[REDACTED]		[REDACTED]
5		336
6		~ 20
7		ND
8		"
9		~ 15
10		ND





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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Project: Shelk2)
Project Number: 3790 Hopyard Road, Pleasanton
Project Manager: Ann Pember

Sampled: 6/17/99
Received: 6/18/99
Reported: 7/8/99

ANALYTICAL REPORT FOR L906287

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-2	L906287-01	Water	6/17/99
S-3	L906287-02	Water	6/17/99
S-4	L906287-03	Water	6/17/99
S-5	L906287-04	Water	6/17/99
S-6	L906287-05	Water	6/17/99
S-7	L906287-06	Water	6/17/99
S-8	L906287-07	Water	6/17/99
S-9	L906287-08	Water	6/17/99
S-10	L906287-09	Water	6/17/99





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project:	Shell(2)	Sampled:	6/17/99
	Project Number:	3790 Hopyard Road, Pleasanton	Received:	6/18/99
	Project Manager:	Ann Pamber	Reported:	7/8/99

Sample Description: S-2
 Laboratory Sample Number: L906287-01

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasolac	9060150	6/27/99	6/27/99		100	312	ug/l	
Benzene	"	"	"		1.00	74.4	"	
Toluene	"	"	"		1.00	2.04	"	
Ethylbenzene	"	"	"		1.00	1.02	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Methoxybenzene	"	"	"		10.0		"	
Surrogate: <i>o,p,p'</i> -Trifluorotoluene				70.0-130		86.2	%	





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	Project Number:	3790 Hopyard Road, Pleasanton	Received:	6/18/99
	Project Manager:	Ann Pember	Reported:	7/8/99

Sample Description: 6-3
 Laboratory Sample Number: L906287-01

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUBT								
Purgeable Hydrocarbons as Gasoline	9060140	6/25/99	6/25/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,o-Trifluorotoluene</i>	"	"	"	70.0-130		99.6	%	





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project:	Shell(2)	Sampled:	6/17/99
	Project Number:	1790 Hopyard Road, Pleasanton	Received:	6/18/99
	Project Manager:	Ann Pember	Reported:	7/8/99

Sample Description: S-4
 Laboratory Sample Number: L906287-03

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUET								
Purgeable Hydrocarbons as Gasoline	9060142	6/25/99	6/25/99		500	1510	ug/l	1
Benzene	"	"	"		5.00	28.4	"	
Toluene	"	"	"		5.00	9.84	"	
Ethylbenzene	"	"	"		5.00	176	"	
Xylenes (total)	"	"	"		5.00	132	"	
	"	"	"		50.0		"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		91.4	%	





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project:	Shall(2)	Sampled:	6/17/99
	Project Number:	3790 Hopyard Road, Pleasanton	Received:	6/18/99
	Project Manager:	Ann Pember	Reported:	7/8/99

Sample Description: S-5
 Laboratory Sample Number: L906287-04

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9060150	6/27/99	6/27/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	1.44	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Surrogate: m,m,m-Trifluorotoluene	"	"	"	70.0-130		81.6	%	





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2) Project Number: 3790 Hopyard Road, Pleasanton Project Manager: Ann Pember	Sampled: 6/17/99 Received: 6/18/99 Reported: 7/8/99
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Sample Description: **S-6**
 Laboratory Sample Number: **L906287-05**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9060150	6/27/99	6/27/99		50.0	114	ug/l	1
Benzene	"	"	"		0.500	4.14	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		5.00		"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		94.0	%	





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Blaino Tech Services 1650 Rogers Avenue San Jose, CA 95112	Project: Shell(2) Project Number: 3790 Hopyard Road, Pleasanton Project Manager: Ann Pember	Sampled: 6/17/99 Received: 6/18/99 Reported: 7/8/99
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Sample Description: 8-7
 Laboratory Sample Number: L906287-06

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTHF by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9060151	6/27/99	6/27/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		83.2	%	





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shelk(2)	Sampled: 6/17/99
	Project Number: 3790 Hopyard Road, Pleasanton	Received: 6/18/99
	Project Manager: Ann Penber	Reported: 7/8/99

Sample Description: S-8
 Laboratory Sample Number: L906287-07

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Unit	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9060154	6/28/99	6/29/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		101	%	





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2) Project Number: 3790 Hayward Road, Pleasanton Project Manager: Ann Pember	Sampled: 6/17/99 Received: 6/18/99 Reported: 7/6/99
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Sample Description: S-9
 Laboratory Sample Number: L906287-08

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUT								
Purgeable Hydrocarbons as Gasoline	9060149	6/27/99	6/27/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: m,p-cresol	"	"	"		5.00		"	
Surrogate: o,o,c-trifluorotoluene	"	"	"	70.0-130		91.5	%	



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Blaine Tech Services
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 San Jose, CA 95112

Project: Shell(2)
 Project Number: 3790 Hopyard Road, Pleasanton
 Project Manager: Ann Pember

Sampled: 6/17/99
 Received: 6/18/99
 Reported: 7/8/99

Sample Description: S-10
 Laboratory Sample Number: L906287-09

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sample Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9060149	6/27/99	6/27/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>o,o,o</i> -Trifluorotoluene	"	"	"	70.0-130		93.8	%	



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San Jose, CA 95112

Project: Shell(2)
Project Number: 3790 Hopyard Road, Pleasanton
Project Manager: Ann Pember

Sampled: 6/17/99
Received: 6/18/99
Reported: 7/8/99

Notes and Definitions

#	Note
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- | | |
|--------|--|
| 1 | Chromatogram pattern: C6-C12 |
| 2 | The MS/MSD % recovery and/or RPD were outside established control limits. The blank spike will validate the batch. |
| 3 | The surrogate recovery was above established control limits due to sample matrix effect. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| Recov. | Recovery |
| RPD | Relative Percent Difference |

BLAINE

TECH SERVICES INC.

1180 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT: Equiva - Karen Petryna

SITE: 3790 Hopyard Road
 Pleasanton, CA

CONDUCT ANALYSIS TO DETECT

C - COMPOSITE ALL CONTAINERS

TPH - Gas, BTEX, MTBE	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & MDG by 8010
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LAB Sagunig DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWOCB REGION

LIA

OTHER L906287

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995842

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE ID.	6/17/99	MATRIX CAN - M SOILS - S	CONTAINERS TOTAL	C - COMPOSITE ALL CONTAINERS	TPH - Gas, BTEX, MTBE	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & MDG by 8010	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
X S-2	13:20	W	3	# 01	X	X								
X S-3	13:02		3	02	X	X								
X S-4	13:40		3	03	X	X								
X S-5	12:40		3	04	X	X								
X S-6	10:40		3	05	X	X								
X S-7	10:20		3	06	X	X								
X S-8	11:55		3	07	X	X								
X S-9	8:40		3	08	X	X								
X S-10	11:05		3	09	X	X								

USE 6/18/99
 CUST. MODEL SLAB

SAMPLING COMPLETED: 6/17/99 14:00 | DATE: 6/18/99 8:31 | TIME: 8:51 | SAMPLING PERFORMED BY: Layne Row | RECEIVED BY: [Signature] | RESULTS NEEDED NO LATER THAN: AS contracted

RELEASED BY: [Signature] | DATE: 6/18/99 | TIME: 12:35 | RECEIVED BY: [Signature] | DATE: 6/23/99 | TIME: 16:05

RELEASED BY: [Signature] | DATE: [Blank] | TIME: [Blank] | RECEIVED BY: [Blank] | DATE: [Blank] | TIME: [Blank]

SHIPPED VIA: [Blank] | DATE SENT: [Blank] | TIME SENT: [Blank] | COOLER #: [Blank]

TOTAL P.22

JUL-22-1999 10:14

CAMERON

510 420 9170 P.22/22