

CAMBRIA**Fax**

To: Juliet Shin
Company: Alameda County Health Care Services
Fax: (510) 337-9335
Phone: (510) 567-6700

From: Darryk Ataide
Phone: (510) 420-3339
Pages: 14
Date: June 17, 1999
Re: 1285 Bancroft Ave. San Leandro, CA

Juliet,

Following are the analytical results for the irrigation well and newly installed monitoring wells at the referenced site. The irrigation well was Non-detect (ND) for TPHg, BTEX, and MTBE. Please call me if you have any questions or concerns.

Thank You,

Darryk Ataide

c.c. Karen Petryna, fax: (559) 645-5643

*Note: Look at
DWR well survey
from previous report.*

JUN-17-1999 09:13

SENT BY:

CAMBRIA

0-0-00

0-00

SEQUOIA ANALYTICAL

510 420 9170 P.02/14

900 070 1111P 2/1



**Sequoia
Analytical**

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

June 7, 1999

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

RE: Shell(2)/L806081

Dear Ann Pember:

Enclosed are the results of analyses for sample(s) received by the laboratory on June 4, 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



Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2) Project Number: Shell 1285 Bancroft, San Leandro Project Manager: Ann Pember	Sampled: 6/4/99 Received: 6/4/99 Reported: 6/7/99
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ANALYTICAL REPORT FOR L906081

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Irrigation Well	L906081-01	Water	6/4/99
MW-5	L906081-02	Water	6/4/99
MW-6	L906081-03	Water	6/4/99
MW-7	L906081-04	Water	6/4/99
MW-8	L906081-05	Water	6/4/99



Sequoia Analytical

1551 Industrial Road
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(3) Project Number: Shell 1285 Bancroft, San Leandro Project Manager: Ann Pember	Sampled: 6/4/99 Received: 6/4/99 Reported: 6/7/99
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Sample Description:
Laboratory Sample Number:

LS06081-01

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 LAUT								
Purgeable Hydrocarbons as Guenline	9060026	6/4/99	6/4/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Methyl tert-butyl ether	"	"	"	70.0-130		84.7	%	
Surrogate: m.a.u.-Trifluorotoluene								
MTBE by EPA Method 8260A								
Methyl tert-butyl ether	9060043	6/7/99	6/7/99		2.00	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	75.0-114		111	%	





Sequoia Analytical

1551 Industrial Road
 San Carlos, CA 94070-4111
 (650) 232-9600
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2)	Sampled: 6/6/99
	Project Number: Shell 1285 Bancroft, San Leandro	Received: 6/4/99
	Project Manager: Ann Pember	Reported: 6/1/99

Sample Description: [REDACTED]
 Laboratory Sample Number: L905881-02

Analyte	Date 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 LUMT					20000	[REDACTED]		
Purgeable Hydrocarbons as Gasoline	9060036	6/6/99	6/6/99		200	[REDACTED]		
Benzene	"	"	"		200	[REDACTED]		
Toluene	"	"	"		200	[REDACTED]		
Ethylbenzene	"	"	"		200	[REDACTED]		
Xylenes (total)	"	"	"		2000	[REDACTED]		
Methyl tert-butyl ether	"	"	"		2000	79.1	%	
Surrogate: o,m,p-Trifluorotoluene				70.0-130				

*Refer to end of report for text of notes and definitions.





Sequoia Analytical

1551 Industrial Road
 San Carlos, CA 94070-8111
 (650) 232-9600
 FAX (650) 777-9617

Stalco Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2)	Sampled: 6/4/99
	Project Number: Shell 1285 Bancroft, San Leandro	Received: 6/6/99
	Project Manager: Ann Pember	Reported: 6/7/99

Sample Description:
 Laboratory Sample Number:

[REDACTED]
 L906081-03

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes
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Sequoia Analytical - San Carlos

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Purgeable Hydrocarbons as Gasoline	9060036	6/6/99	6/6/99		5000	[REDACTED]	ug/l	
Benzene	"	"	"		50.0	[REDACTED]	"	
Toluene	"	"	"		50.0	[REDACTED]	"	
Ethylbenzene	"	"	"		50.0	[REDACTED]	"	
Xylenes (total)	"	"	"		500	[REDACTED]	"	
Methyl tert-butyl ether	"	"	"			[REDACTED]	%	
Surrogate: o,o,o-Trifluorotoluene	"	"	"	70.0-130		[REDACTED]	%	

MTBE by EPA Method 8260A

Methyl tert-butyl ether	9060043	6/7/99	6/7/99		666	24300	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	76.0-114		109	%	



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1551 Industrial Road
 San Carlos, CA 94070-4111
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Blaine Tech Services 14400 Rognen Avenue San Jose, CA 95112	Project: Shell(2) Project Number: Shell 1245 Raneroil, San Leandro Project Manager: Ann Pember	Sampled: 6/4/99 Received: 6/4/99 Reported: 6/7/99
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Sample Description:
 Laboratory Sample Number:

██████████
 1906001-04

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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Sequoia Analytical - San Carlos

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by PH/LUFT

Purgeable Hydrocarbons as Gasoline	9060026	6/4/99	6/4/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	██████████	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	██████████	"	
Xylenes (total)	"	"	"		0.510	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	██████████	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		██████████	%	

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Sequoia Analytical

1551 Industrial Road
 San Carlos, CA 94070-4111
 (650) 232-9600
 FAX (650) 232-0612

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2)	Sampled: 6/4/99
	Project Number: Shell 1285 Bancroft, San Leandro	Received: 6/4/99
	Project Manager: Ann Pember	Reported: 6/7/99

Sample Description:
 Laboratory Sample Number:

██████████-05

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limit	Reporting Limit	Result	Units	Notes*
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Sequoia Analytical - San Carlos

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Purgeable Hydrocarbons as Gasoline	0060026	6/4/99	6/4/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		5.00	██████████	"	
Methyl tert-butyl ether	"	"	"	70.0/130		90.0	%	
Surrogate: o,m,p-Trifluorotoluene								

*Refer to end of report for text of notes and definitions.



Sequoia Analytical

1551 Industrial Road
 San Carlos, CA 95050-4111
 (650) 232-9600
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2)	Sampled: 6/4/99
	Project Number: Shell 1285 Bancroft, San Leandro	Received: 6/4/99
	Project Manager: Ann Pember	Reported: 6/7/99

Total Purgeable Hydrocarbons (TPH): 10.6 ug/l
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes
Batch: 9060026										
Date Reported: 6/4/99										
Extraction Method: EPA 5030B (P/T)										
Blank	6/4/99			ND	ug/l	50.0				
Purgeable Hydrocarbons as Gasoline				ND	"	0.500				
Benzene				ND	"	0.500				
Toluene				ND	"	0.500				
Ethylbenzene				ND	"	0.500				
Xylenes (total)				ND	"	5.00				
Methyl tert-butyl ether				ND	"	70.0-130	106			
Surrrogate: o,a,o-Trifluorotoluene		10.0		10.6	"					
LCS 9060026-MS1										
Date Reported: 6/4/99										
Benzene		10.0		11.1	ug/l	70.0-130	111			
Toluene		10.0		11.1	"	70.0-130	111			
Ethylbenzene		10.0		11.4	"	70.0-130	114			
Xylenes (total)		30.0		32.4	"	70.0-130	108			
Surrrogate: o,a,o-Trifluorotoluene		10.0		10.7	"	70.0-130	107			
Matrix Spike 9060026-MS1 L906001-01										
Date Reported: 6/4/99										
Benzene		10.0	ND	10.6	ug/l	60.0-140	106			
Toluene		10.0	ND	10.4	"	60.0-140	104			
Ethylbenzene		10.0	ND	10.8	"	60.0-140	108			
Xylenes (total)		30.0	ND	30.7	"	60.0-140	102			
Surrrogate: o,a,o-Trifluorotoluene		10.0		9.57	"	70.0-130	95.7			
Matrix Spike Dup 9060026-MSD1 L906001-01										
Date Reported: 6/4/99										
Benzene		10.0	ND	10.0	ug/l	60.0-140	100	25.0	5.83	
Toluene		10.0	ND	9.94	"	60.0-140	99.4	25.0	4.52	
Ethylbenzene		10.0	ND	10.4	"	60.0-140	104	25.0	3.77	
Xylenes (total)		30.0	ND	29.6	"	60.0-140	98.7	25.0	3.29	
Surrrogate: o,a,o-Trifluorotoluene		10.0		9.50	"	70.0-130	95.0			
Batch: 9060036										
Date Reported: 6/6/99										
Extraction Method: EPA 5030B (P/T)										
Blank	6/6/99			ND	ug/l	50.0				
Purgeable Hydrocarbons as Gasoline				ND	"	0.500				
Benzene				ND	"	0.500				
Toluene				ND	"	0.500				
Ethylbenzene				ND	"	0.500				
Xylenes (total)				ND	"	5.00				
Methyl tert-butyl ether				ND	"	70.0-130	82.3			
Surrrogate: o,a,o-Trifluorotoluene		10.0		8.23	"					

*Refer to end of report for text of notes and definitions.

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Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-0600
FAX (650) 232-0612

Blaine Tech Services 680 Rogers Avenue San Jose, CA 95112	Project:	Shell(2)	Sampled:	6/4/99
	Project Number:	Shell 1285 Bancroft, San Leandro	Received:	6/4/99
	Project Manager:	Ann Pember	Reported:	6/7/99

[Illegible text due to heavy noise and scanning artifacts]

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCH Purgeable Hydrocarbons as Gasoline Surrogate: <i>α,α,α-Trifluorotoluene</i>	9060036-081 6/6/99	250 10.0		253 10.5	ug/l "	70.0-130 70.0-130	101 105			
Matrix Spike Purgeable Hydrocarbons as Gasoline Surrogate: <i>α,α,α-Trifluorotoluene</i>	9060036-MS1 6/6/99	250 10.0	1905930-06 ND	248 8.44	ug/l "	60.0-140 70.0-130	99.2 84.4			
Matrix Spike Dup Purgeable Hydrocarbons as Gasoline Surrogate: <i>α,α,α-Trifluorotoluene</i>	9060036-MS1D1 6/6/99	250 10.0	1905930-06 NP	236 8.63	ug/l "	60.0-140 70.0-130	94.4 86.3	25.0	4.96	



Sequoia Analytical

1951 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(2) Project Number: Shell 1285 Bancroft, San Leandro Project Manager: Ann Parber	Sampled: 6/4/99 Received: 6/4/99 Reported: 6/7/99
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Sequoia Analytical (San Carlos) Control
Sequoia Analytical - San Carlos

Analytic	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch 9060043						Extraction Method: EPA 5090B (P/T)				
Blank										
Methyl tert-butyl ether	6/7/99			ND	ug/l	2.00				
Surrogate: 1,2-Dichloroethane-d4		50.0		52.1	"	76.0-114	104			
LCS										
Methyl tert-butyl ether	6/7/99	50.0		60.7	ug/l	70.0-130	121			
Surrogate: 1,2-Dichloroethane-d4		50.0		54.8	"	76.0-114	110			
Matrix Spike										
Methyl tert-butyl ether	6/7/99	50.0	ND	57.3	ug/l	60.0-140	115			
Surrogate: 1,2-Dichloroethane-d4		50.0		53.7	"	76.0-114	107			
Matrix Spike Dup										
Methyl tert-butyl ether	6/7/99	50.0	ND	58.2	ug/l	60.0-140	116	25.0	0.866	
Surrogate: 1,2-Dichloroethane-d4		50.0		54.5	"	76.0-114	109			



Sequoia Analytical

1981 Industrial Road
 San Carlos, CA 94070-4111
 (650) 232-9600
 FAX (650) 232-9612

Blaine Tech Services 1680 Rigdon Avenue San Jose, CA 95112	Project: Shell(2) Project Number: Shell 1285 Hanroff, San Leandro Project Manager: Ann Pamber	Sampled: 6/4/99 Received: 6/4/99 Reported: 6/7/99
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Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Simple results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

JUN-17-1999 09:15
 SENT BY:
 CAMBRIA
 0 0 55
 3.02
 510 420 9170
 510 420 9170
 P.14/14
 TOTAL P.14

BLAINE

TECH SERVICES INC.

1880 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95132-9105
 FAX (408) 573-7771
 PHONE (408) 573-9355

CHAIN OF CUSTODY
990604-63

CLIENT
 Equiva - Karen Petryna

SITE
 1285 Bancroft
 San Leandro, CA

SAMPLE ID	S - SOIL W - H2O	CONTAINERS		
		TOTAL		
origination Well	6/4/99	033	W 3	VOAS
MW-5	1501			
MW-6	1425			
MW-7	1345			
MW-8	1245			

CONDUCT ANALYSIS TO DETECT

G - COMPOSITE ALL CONTAINERS

TPH - Gas, BTX	MTBE by 8020	MTBE by 8260	TPB-diesel	Organates by 8260	1,2-DCA & EDB by 8010
X	X	X			
X	X	X			
X	X	X			
X	X	X			

LAB SEQUOIA DMS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMIT SET BY CALIFORNIA DMS AND

EPA RWCCB REGION

LA

OTHER

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98996067

Send report to Blaine Tech Services

Attn: Ann Pember

ADD INFORMATION	STATUS	CONDITION	LAB SAMPLE
Confirm highest MTBE hit by 8260 for MW-5-MW-8			

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	6/4/99	1510	<i>[Signature]</i>	24 hr TAT	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	6/4/99				
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			<i>[Signature]</i>	6/4/99	1200
RELEASED VIA	DATE SENT	TIME SENT	COOLER #		