00 # 10 -3 AM 9: 16

Larry Seto
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Fourth Quarter 1999 Monitoring Report

Shell-branded Service Station 105 Fifth Street Oakland, California Incident #98995757 Cambria Project #241-0472-002



Dear Mr. Seto:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this ground water monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

#### **FOURTH QUARTER 1999 ACTIVITIES**

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells. Blaine calculated ground water elevations and compiled the analytical data. Cambria prepared a ground water elevation contour map (Figure 1). The Blaine report, presenting the laboratory report and including supporting field documents, is included as Attachment A.

Investigation Work Plan: On November 30, 1999, Cambria submitted a work plan for further subsurface investigations as requested in an Alameda County Health Care Services Agency (ACHCSA) letter dated October 15, 1999. The work plan, which proposed three soil borings and one monitoring well, was approved in an ACHCSA letter dated December 14, 1999.

Oakland, CA Sonoma, CA Portland, OR Seattle, WA

#### **ANTICIPATED FIRST QUARTER 2000 ACTIVITIES**

Cambria Environmental Technology, Inc.

Ground Water Monitoring: Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

1144 65th Street Suite B Oakland, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170

#### CAMBRIA

Investigation and Monitoring Well Installation: Cambria is currently obtaining an encroachment permit and bond from the City of Oakland to conduct the proposed investigation and monitoring well installation.

Vacuum Tank Truck Operations: Due to concentration of MTBE in wells MW-2 and MW-3, Cambria will coordinate ground water extraction from both wells for four weekly events and monthly thereafter. A vacuum tank truck will use down-well extraction pipes to purge wells MW-2 and MW-3. Vacuum truck operations will be initiated following the first quarter 2000 sampling event and conducted until the second quarter 2000 sampling event. A summary and evaluation of vacuum truck operations will be presented in the second quarter 2000 monitoring report.



#### **CLOSING**

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc

Troy Buggle

Senior Staff Scientist

Ailsa S. Le May, R.G.

Senior Geologist

Figure:

1 - Ground Water Elevation Contour Map

Attachment: A - Blaine Ground Water Monitoring Report and Field Notes

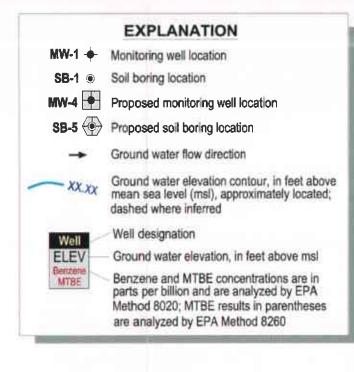
cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91501-7869

Arthur R. and Mary A. Hansen, Trs., et al, 820 Loyola Drive, Los Altos, CA 94024

NO. 6717

g:\oak105\qm\4q99qm.doc

Shell-branded Service Station



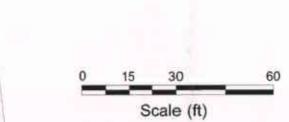
## MW-1 5.63 15.6 6.69 SB-2 . SB-1 . SB-5 \* SB-4 Existing USTs 4.79 <10.0 (224,000) 4.84 316 17,100 Sidewalk Approach

## OAK STREET





FIFTH STREET



**FIGURE** 

### **ATTACHMENT A**

Blaine Ground Water Monitoring Report and Field Notes



1680 ROGERS AVENUE SAN JOSE, CALIFORNIA 95112-1105 (408) 573-7771 FAX (408) 573-0555 PHONE

November 29, 1999

Karen Petryna Equiva Services LLC P.O. Box 7869 Burbank, CA 91510-7869

Fourth Quarter 1999 Groundwater Monitoring at Shell-branded Service Station 105 5<sup>th</sup> Street Oakland, CA

Monitoring performed on November 1, 1999

#### Groundwater Monitoring Report 991101-N-3

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin Operations Manager

DK/ek

attachments: Cumulative Table of WELL CONCENTRATIONS

Certified Analytical Report

Field Data Sheets

cc: Anni Kreml

Cambria Environmental Technology, Inc.

1144 65<sup>th</sup> Street, Suite C Oakland, CA 94608-2411

# WELL CONCENTRATIONS Shell-branded Service Station 105 5th Street

### Oakland, CA

							MTBE	MTBE		Depth to	GW	
Well ID	Date	TPPH	В	Т	E	Х	8020	8260	TOC	Water	Elevation	D.O. Reading
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)	mg/L
MW-1	07/20/1999	NA	NA	NA	NA	NA	NA	NA	12.22	17.56	-5.34	NA
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	<2.00	12.22	6.45	5.77	NA
MW-1	11/01/1999	100	15.6	3.12	4.04	12.6	6.69	NA	12.22	6.59	5.63	0.5/0.7
						-	-					
MW-2	07/20/1999	NA	NA	NA	NA	NA	NA	NA	10.87	18.24	-7.37	NA
MW-2	07/23/1999	13,800	1,790	<100	<100	682	29,900	29,400	10.87	5.98	4.89	NA
MW-2	11/01/1999	2,420	316	10.8	119	44.2	17,900	NA NA	10.87	6.03	4:84	0.5/0.3
MW-3	07/20/1999	NA	NA	NA	NA	NA	NA	NA	11.27	19.07	-7.80	NA
MW-3	07/23/1999	128	<0.500	<0.500	<0.500	<0.500	404,000	324,000	11.27	6.43	4.84	NA

<10.0

169,000

224,000

11.27

6.48

4.79

0.5/0.3

#### Abbreviations:

MW-3 11/01/1999

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

<10.0

<10.0

<10.0

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

<1,000

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

n/n = Pre-purge/Post-purge



November 15, 1999

Leah Davis Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112

RE: Equiva 105 5th Street, Oakland/M911045

Dear Leah Davis

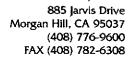
Enclosed are the results of analyses for sample(s) received by the laboratory on November 2, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai

Project Manager D.M.

CA ELAP Certificate Number 1210





Project: Equiva Project Number: 105 5th Street

Project Manager: Leah Davis

Reported: 11/15/99

Sampled: 11/1/99 Received: 11/2/99

#### **ANALYTICAL REPORT FOR M911045**

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M911045-01	Water	11/1/99
MW-2	M911045-02	Water	[1/1/99
MW-3	M911045-03	Water	11/1/99





Project: Equiva

Project Number: 105 5th Street

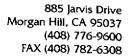
Sampled:

11/1/99 Received: 11/2/99 Reported: 11/15/99

Project Manager: Leah Davis

#### Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

	Batch	Date	Date	Surrogate	Reporting			
Analyte	Number	Prepared	Analyzed	Limits	Limit	Result	Units	Notes*
<u>MW-1</u>			M9110	15-01 <sup>1</sup>			<u>Water</u>	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99		50.0	100	ug/l	1
Benzene	11	11	H		0.500	15.6	78	
Toluene	11	**	н		0.500	3.12	**	
Ethylbenzene	1f	#	н		0.500	4.04	71	
Xylenes (total)	IF	er e	н		0.500	12.6	. #	
Methyl tert-butyl ether	19	*1	#		2.50	6.69	#	
Surrogate: a,a,a-Trifluorotoluene	н		, ,	70.0-130		105	%	
MW-2			M9110	<b>45-02</b>			<u>Water</u>	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99	<del></del>	250	2420	ug/l	1
Benzene	11	II .	10		2.50	316	"	
Toluene	B	**	D		2.50	10.8	ti .	
Ethylbenzene	PT .	R	H		2.50	119	11	
Xylenes (total)	Ħ	10	н		2.50	44.2	II.	
Methyl tert-butyl ether	#	н	11/11/99		125	17000	It .	2
Surrogate: a,a,a-Trifluorotoluene	н	"	11/10/99	70.0-130		217	%	3
<u>MW-3</u>			M9110	<u>45-03</u>			Water	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99	<del></del>	1000	ND	ug/l	
Benzene	Ħ	<b>17</b>	16		10.0	ND	σ	
Toluene	н	**	**		10.0	ND	H	
Ethylbenzene	11	**			10.0	ND	**	
Xylenes (total)	11	*	**		10.0	ND	**	
Methyl tert-butyl ether	tr	н	11/11/99		2500	169000		2
Surrogate: a.a,a-Trifluorotoluene	"	"	11/10/99	70.0-130		184	%	3





Project: Equiva Project Number: 105 5th Street

Sampled: 11/1/99 Received: 11/2/99

Project Manager: Leah Davis

Reported: 11/15/99

#### MTBE by EPA Method 8260A Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-3</u>			M9110	45-03 <sup>*</sup>			Water	
Methyl tert-butyl ether	9110429	11/12/99	11/12/99		5000	224000	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	'n	70.0-130		82.0	%	



Project: Equiva

Project Number: 105 5th Street
Project Manager: Leah Davis

Sampled: 11/1/99
Received: 11/2/99

Received: 11/2/99 Reported: 11/15/99

## Total Purgeable Hydrocarbons (C6-G12) BTEX and MTBE by DHS LUFT/Quality Control Sequoia Analytical - Morgan Hill

	Date	Spike	Sample	QC		Reporting Limit	Recov.	RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes*
Batch: 9110332	Date Prepa	red: 11/10	/9 <u>9</u>	<b>k</b> ,	<u>Extrac</u>	tion Method: EPA	5030B	[P/T]		
Blank	9110332-BI	L <u>K1</u>	_							
Purgeable Hydrocarbons	11/10/99			ND	ug/l	50.0				
Benzene	11			ND	#1	0.500				
Toluene	11			ND	н	0.500				
Ethylbenzene	If			ND	11	0.500				
Xylenes (total)	11			ND	ŧi	0.500				
Methyl tert-butyl ether	IF.			ND	11	2.50				
Surrogate: a,a,a-Trifluorotoluene	· · · · · · · · · · · · · · · · · · ·	10.0		10.2	n .	70.0-130	102			
LCS	9110332-B5	<u>81</u>								
Purgeable Hydrocarbons	11/10/99	250		228	ug/l	70.9-130	91.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.7	77	70.0-130	117			
Matrix Spike	9110 <u>332-M</u>	S1 M	911312-02							
Purgeable Hydrocarbons	11/10/99	250	ND	224	ug/l	60.0-140	89.6			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.7	"	70.0-130	117			
Matrix Spike Dup	9110332-M	SD1 M	911312-02							
Purgeable Hydrocarbons	11/10/99	250	ND	225	ug/l	60.0-140	90.0	25.0	0.445	
Surrogate: a,a,a-Trifluorotoluene	,,	10.0		12.1	"	70.0-130	121			

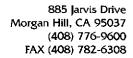




Blaine Tech Services (Shell)
Project: Equiva
Sampled: 11/1/99
1680 Rogers Avenue
Project Number: 105 5th Street
Received: 11/2/99
San Jose, CA 95112
Project Manager: Leah Davis
Reported: 11/15/99

## MTBE by EPA Method 8260A/Quality Control Sequoia Analytical - Morgan Hill

	Date	Spike	Sample	QC		Reporting Limit	Recov.	RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes*
Batch: 9110429 Blank	<u>Date Prepa</u> 9110429-Bl		<u>/99</u>	i,	Extrac	tion Method: EP	A 5030B	<u>[P/T]</u>		
Methyl tert-butyl ether	11/11/99	<u> 7K1</u>		ND	ug/l	0,500				
Surrogate: 1,2-Dichloroethane-d4	H 12,777	10.0		9.34	и	70.0-130	93.4			
Blank	9110429-BI	LK2								
Methyl tert-butyl ether	11/12/99	<del></del>		ND	ug/l	0.500				
Surrogate: 1,2-Dichloroethane-d4	"	10.0		8.32	n n	70.0-130	83.2		•	
LCS	9110429-BS	<u>81</u>								
Methyl tert-butyl ether	11/11/99	10.0		9.44	ug/l	70.0-130	94.4			
Surrogate: 1,2-Dichloroethane-d4	n	10.0		8.40	"	70.0-130	84.0			
LCS	9110429-BS	<u>32</u>								
Methyl tert-butyl ether	11/12/99	10.0		8.91	ug/l	70.0-130	89.1			
Surrogate: 1,2-Dichloroethane-d4	"	10.0		7.93	""	70.0-130	79.3	-		
Matrix Spike	9110429-M	<u>S1 M9</u>	910886-01							
Methyl tert-butyl ether	11/11/99	10.0	7.19	15.9	ug/l	70.0-130	87.1			
Surrogate: 1,2-Dichloroethane-d4	n	10.0		8.80	"	70.0-130	88.0			
Matrix Spike Dup	9110429-M	SD1 MS	910886-01							
Methyl tert-butyl ether	11/11/99	10.0	7.19	18.5	ug/l	70.0-130	113	25.0	25.9	4
Surrogate: 1,2-Dichloroethane-d4	"	10.0		9.40	"	70.0-130	94.0			





Project: Equiva

Sampled: 11/1/99 Received: 11/2/99

Project Number: 105 5th Street

Project Manager: Leah Davis

Reported: 11/15/99

#### **Notes and Definitions**

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	Sample was analyzed at a second dilution per clients request.
3	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
4	The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
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

	CALIFORNIA 95 FAX (408)	S AVENUE 5112-1105		CON	DUCT	ANAL	YSIS T	O DE	ECT	LAB SEQUOIA DHS #
ECH SERVICES INC.	PHONE (408)	573-0555								ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMIT& SET BY CALIFORNIA DHS AND
CHAIN OF CUSTODY		<del></del>								□ EPA □ RWOCB REGION
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105 5th Street							by 8			Send invoice to Equiva
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			COMPOSITE /		1 1	die	Oxygenates	A &		Send report to Blaine Tech Services
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## WELL GAUGING DATA

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tenage est a la su	•		en kangan penganan p L	तर्वेद्रवस्त्रकः स्टब्स्य क्	াত্য ভাষত মুখ্যা চল্ডাল	Asyan Ari Sept. 1. Es	Administration of the Control of the		
ar e e	Nga a g Ma		History a sec	as prefer the grad	The second second	्रम् । इसे स्ट्रोड से इक्केड्रोसेस प्रमुख	aga ah Tiranga attawa ta Tiranga at	कारक्ष का न	al Continue

## EQUIVA WELL MONITORING DATA SHEET

Project #	!: a	91101	-N3	Job# 98905757						
Sampler:		S		Date: 11-	1-99					
Well I.D	.: <u>^</u>	مريد		Well Diameter: 2 3 4 6 8						
Total We	ell Depth:	235	8	Depth to Water: 6.59						
Depth to	Free Produ	ict:		Thickness of Free Product (feet):						
Referenc	ed to:	ryc	Grade	D.O. Meter (i	f rea'd):	CYST HACH				
	Well Diame 2" 3" 4"	ter	Multiplier 0.16 0.37 0.65	<u>Well Diameter</u> 5" 6"	Multiplier 1.02 1.47 dius <sup>2</sup> * 0.163					
Purge Meth	Eie	Bailer Middleburg ctric Submers xtraction Pun	sible : 人	Sampling Method Other	Extraction Port	_				
	<u> </u>	ume (Gals.)	X Specified Vo		S. O. Gals.					
Time	Temp (°F)	pН	Cond.	Turbidity	Gals. Removed	Observations				
[303	73.9	73	481	130	1)					
1304	73.3	7,3	705	7200	22					
13 05	72.9	7.4	377	7700	33					
Did well d	lewater?	Yes	<b>6</b>	Gallons actuall	y evacuated:	3				
Sampling	Time:	13 ic		Sampling Date	: 11- 1-aa					
Sample I.I	D .: pc			Laboratory:	Sequoia BC	Other				
Analyzed	for: TPH-G	BTEX	MTBE TPH-D	Other:	1					
O.O. (if re	q'd):		Pre-purge:	O. The mg/L	Post-purge:	o.) mg/L				
D.R.P. (if i	req'd):	-	Pre-purge:	mV	Post-purge:	mV				

### EQUIVA WELL MONITORING DATA SHEET

Project #:	: 9	21101	-N3	Job# 48	995757				
Sampler:	^	5		Date: 11-1	995757				
Well I.D.	: <u>^</u>	<u>ً - يو ۸</u>	٧	Well Diameter: 2 3 4 6 8					
Total We	ll Depth:	<u> </u>	A	Depth to Water: 6.03					
Depth to	Free Produ	ict:		Thickness of F	Free Product (fe	et):			
Reference	ed to:	Pye	Grade	D.O. Meter (if	req'd):	YSV HACH			
	Well Diame 2" 3" 4"	ter	Multiplier 0.16 0.37 0.65	Well Diameter 5" 6"	Multiplier 1.02 1.47 ius² * 0.163				
Purge Metho	Ele	Bailer Middleburg ctric Submers xtraction Pun	•	Sampling Method					
		ume (Gals.)	X Specified Vo	·	Gals.				
Time	Temp (°F)	pН	Cond.	Turbidity	Gals. Removed	Observations			
1336	73.7	7.1	\$17	7200	12	oder /til			
1337	74.4	76.9	438	7200	24	N:			
1358	75.1	6.9	428	7200	34				
			. :			V.			
Did well o	lewater?	Yes C	No	Gallons actuall	y evacuated:	34			
Sampling	Time:	1345	)	Sampling Date	: 11- 1-ag				
Sample I.I	D.: n	<u></u>	7	Laboratory:	Sequoia BC	Other			
Analyzed	for: TPH	G BTEX	VALRE: LLH-D	Other:					
D.O. (if re	:(d):		Pre-purge:	O,S mg/L	Post-purge:	O,3 mg/L			
O.R.P. (if	req'd):		Pre-purge:	mV	Post-purge:	m∨			

## EQUIVA WELL MONITORING DATA SHEET

Sampler				Job# 98995757											
- Sumproz		S		Date: 11-1-99											
Well I.D	.: <u>^</u>	24.9	3	Well Diamete	r: 2 3 @	<b>b</b> 6	8								
Total We	ell Depth:	24.9	[]	Depth to Water: 6.48											
Depth to	Free Produ	uct:		Thickness of I	Thickness of Free Product (feet):										
Referenc	ed to:	ÞÝĈ	Grade	D.O. Meter (if	req'd):	XSID	НАСН								
	Well Diame 2" 3" 4"	iter	Multiplier 0.16 0.37 0.65	<u>Well Diameter</u> 5" 6" Other rad											
Purge Meth	Ele	Bailer Middleburg ectric Submers extraction Pun	sibleX	Sampling Method Others	: Bailer C Extraction Port	_									
		ume (Gals.)	X Specified Vo		Gals.										
Time	Temp (°F)	pН	Cond.	Turbidity	Gals. Removed	1	servations								
مت کا	70.0	6.9	528	7700	15	veryte	word oday								
1321	693	6,9	929	7200	24										
1322	69,3	7.0	923	7700	36										
<del></del>															
Did well o	dewater?	Yes (	<b>ж</b>	Gallons actuall	y evacuated:	86									
Sampling	Time:	1325		Sampling Date	: 11- 1-aa	\									
Sample I.	D.: ne	· -	}	Laboratory:	Sequoia BC	Other									
Analyzed	for: TPH	G BTEX	MALE THH-D	Other:											
D.O. (if re	eq'd):		Pre-purge:	&.S mg/L	Post-purge:	٥.,	3 mg/L								
O.R.P. (if	геq'd):		Рте-purge:	mV	Post-purge:		mV								

SHELL	OIL	CO	MP/	/NY	FFPIN	G - 1	NES.	7		(	CH		OF al No			OD.	YR	EC	ORD	1	:12/4/4	76
RETAIL ENVIRONMENTAL ENGINEERING - WEST									Analysis Required										LAB: <u>Seg</u>	UP; 4		
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WIC#:    Consultant Namo & A	5/0	0-0	240	02 2	No:	_					$\Lambda$	12527						1		441   441	24 hours []	
Shell Engineer:		1	/	675	No: -6168 375-61	8 70					$ \cdot $	527		4	1/1		12	3/1			<i>&gt;</i> —\	1
Consultant Namo & A	ddros	s: /		UX W.C	<u>, , , , , , , , , , , , , , , , , , , </u>	ì					1	3020	Л	- 1	K	ノ'[			Sull Clossify/Disposos		l	Houses))
Block T		12 7 412	1-7/17	170	ch J.	, ۷	-			5		BTEX )				Ì			Charles	4443	Other [].	
Consultant Contact:	+e_			hone ax #:	No.: 0 418 420-91	70	Gas)	Diesel)	`	(EPA 8240)	ļ !	િસ	2				·		Uam	[] 4453 [] 4453	NOTE: Notify to soon as Possible 24/48 hrs. TAT,	
Comments:							Mod		602	3. E		1 8 H	0				ָשֶׁ	7	Other			
Sampled by:	7-	2	-//	for	F. Jan		N SIO	8015 Mod.	8020/	7 Garlo	psods	fon 17	1			r Size	on Use	te Y/N	UST AGENC	Y: _ <i>A</i>	lameda	
P <u>rinled Name: Pa</u>	<u> </u>	sludge	1 .	Waler	<u>`</u>	lo. of	TPH (EPA 8	трн (ЕРА 8	BTEX (EPA 8020/602)	Volatile Organics	Test for Disposal	Combination TPH 8015	700		Asbestos	Container Size	Preparation Used	Composite	MATERIAL DESCRIPTION		SAMPLE CONDITION COMMEN	N/
Sample ID	<u> </u>	<u> </u>	30,			onts.	<u> </u>	F	1	-	<del> -</del>	1/	\_\		<u> </u>	<u> </u>		-			- The	
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Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite Client Proj. ID: Shell 204-5510-0402

Received: 12/10/96

Lab Proj. ID: 9612484

Reported: 12/13/96

#### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. report contains a total of 7 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

Sequoia Project ID's 9612232 and 9612484 are linked.

SEQUOIA ANALYTICAL

**Sevin Follett** <sup>2</sup>roject Manager