



Cambria Environmental Technology, Inc.

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: ACDEH

Date: 10/23/96

FAX No.: (510) 337-9335

Project No.:

Re: SHELL STATION 999 SAN PABLO AVENUE
ALBANY

COMMENTS:

Ms. HUGO.

Please find enclosed the results of
the stockpile Gravel sample results at
Shell station 999 San Pablo Ave, Albany.

Thank you for your assistance with this case.
Please call if you have any questions.

PAUL WAITE
ENGINEER

F:\ADMIN\PERSONAL\PT\BUSINESS\FAX1.WPD

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Sequoia Analytical

680 Chesapeake Drive
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219 Striker Avenue, Suite 1

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Sacramento, CA 95834

(415) 964-9600
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(916) 921-9600

FAX (415) 864-9233
FAX (510) 988-9673
FAX (916) 921-0100

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 204-0079-0109, Albany	Sampled: 10/22/96
Attention: Paul Waite	Lab Proj. ID: 9610D43	Received: 10/22/96
		Analyzed: see below
		Reported: 10/23/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
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Lab No: 9610D43-01
Sample Desc: SOLID,SG-1

Lead	mg/Kg	10/22/96	5.0	16
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Lab No: 9610D43-02
Sample Desc: SOLID,SG-2

Lead	mg/Kg	10/22/96	5.0	13
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Lab No: 9610D43-03
Sample Desc: SOLID,SG-3

Lead	mg/Kg	10/22/96	5.0	17
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Lab No: 9610D43-04
Sample Desc: SOLID,SG-4

Lead	mg/Kg	10/22/96	5.0	19
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Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

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Cambria
1144 65th St. Suite C
Oakland, CA 94608

Client Proj. ID: Shell, 204-0079-0109, Albany
Sample Descript: SG-1
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9610D43-01

Sampled: 10/22/96
Received: 10/22/96
Extracted: 10/22/96
Analyzed: 10/22/96
Reported: 10/23/96

Attention: Paul Waite

QC Batch Number: GC101896BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	29
Methyl t-Butyl Ether	0.12	0.19
Benzene	0.025	N.D.
Toluene	0.025	N.D.
Ethyl Benzene	0.025	N.D.
Xylenes (Total)	0.025	0.85
Chromatogram Pattern:		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





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Cambria 1144 65th St. Suite C Oakland, CA 94808	Client Proj. ID: Shell, 204-0079-0109, Albany Sample Descript: SG-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610D43-02	Sampled: 10/22/96 Received: 10/22/96 Extracted: 10/22/96 Analyzed: 10/22/96 Reported: 10/23/96
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Attention: Paul Ware
QC Batch Number: GC1018968TEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	2.5	13
Methyl t-Butyl Ether	0.062	N.D.
Benzene	0.012	N.D.
Toluene	0.012	N.D.
Ethyl Benzene	0.012	N.D.
Xylenes (Total)	0.012	0.040
Chromatogram Pattern:		C9-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	89

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

SEQUOIA ANALYTICAL - ELAP #1210



 Kevin Follett
 Project Manager





Sequoia Analytical

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Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite	Client Proj. ID: Shell, 204-0079-0106, Albany Sample Descript: SG-3 Matrix: SOLID Analysis Method: 8015 Mod/8020 Lab Number: 8610D43-03	Sampled: 10/22/96 Received: 10/22/96 Extracted: 10/22/96 Analyzed: 10/22/96 Reported: 10/23/96
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QC Batch Number: GC1018968TEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	35
Methyl t-Butyl Ether	0.50	N.D.
Benzene	0.10	N.D.
Toluene	0.10	N.D.
Ethyl Benzene	0.10	N.D.
Xylenes (Total)	0.10	0.33
Chromatogram Pattern:		C9-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

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819 Striker Avenue, Suite 2	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Cambria	Client Proj. ID: Shell. 204-0079-0109, Albany	Sampled: 10/22/96
1144 85th St. Suite C	Sample Descript: SG-4	Received: 10/22/96
Oakland, CA 94608	Matrix: SOLID	Extracted: 10/22/96
Attention: Paul Waite	Analysis Method: 8015Mod/8020	Analyzed: 10/22/96
	Lab Number: 9610D43-04	Reported: 10/23/96

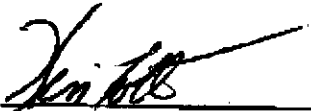
QC Batch Number: GC101888BTEXEXC
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	17
Methyl t-Butyl Ether	0.12	N.D.
Benzene	0.025	N.D.
Toluene	0.025	N.D.
Ethyl Benzene	0.025	N.D.
Xylenes (Total)	0.025	0.13
Chromatogram Pattern:		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

SEQUOIA ANALYTICAL - ELAP #1210



 Kevin Follett
 Project Manager

SHELL OIL COMPANY
RETAL ENVIRONMENTAL ENGINEERING - WEST

Site Address:
 999 Santa Palle Av. Albany, CA
 WICK:

204-0079-0109

Shell Engineer:

R. Jeff Gamberly

Phone No:
 678-8188
 Fax #:

Consultant Name & Address:

Cambris 1144.65th St Oakland CA

Consultant Contact:

Paul White
 Phone No: 510-420-3185
 Fax #: 420-9170

Comments:

Sampled by: Paul White

Printed Name: Paul White

Sample ID	Date	Sedgs	Soil	Water	Air	No. of conth.
SG-1	10/23		X			
SG-2			X			
SG-3			X			
SG-4			X			

CHAIN OF CUSTODY RECORD

Serial No.:

Date: 10/22/96
 Page of

Analysis Required

Analysis Required	Composite Y/N	Preparation Used	Container Size	Asbestos	Combination TPH 8016 & ITEX 8020	Test for Disposal	Volatile Organics (EPA 8240)	TPH (EPA 8015 Mod. Desd)	TPH (EPA 8015 Mod. G3)	ITEX (EPA 8020/602)	TPH (EPA 8015 Mod. G3)
					X	X					
					X	X					
					X	X					
					X	X					

LAB: Sequoia 9010043

CHICK ONE (1) FOR ONLY C1508

G.M. Monitoring 4483

Site Investigation 4411

1st Classy/Support 440

Water 4403

Chemical/Support 4403

Leak/Spill at Site 4452

O & S 4453

Unid Item. or Spn. 4453

Other

NOTE: Notify Job or send us Package of 24/48 hr. INL.

JUST AGENCY: Alameda County

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
	Need results
	by 12 Noon
	on wednesday
	10/23

Requested Name: Paul White

Requested Name: Paul White

Requested Name: Paul White

Date: 10/22/96

Date: 10/22/96

Date: 10/22/96

Time: 17:30

Time: 17:30

Time: 17:30

WE LABORATORY WILL PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS