



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

FAX TRANSMITTAL

TO: Susan HUGO
COMPANY: ACDEH
FAX NUMBER: 510-557-9335
SUBJECT: 990 San Pablo, Albany

FROM: Paul Waite
DATE: 10/28
PROJECT NUMBER:
PAGES TO FOLLOW: 23

COMMENTS:

...
We are still waiting on NW-8 results. I would
have them by our meeting on 10/28.

We would like to reuse soil above 4' and
below 9' in the old DT area. We
can excavate soil in the next zone between
4' and 8'

Thanks for the help. See you on 10/28.

CAMBRIA

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

Sample ID - Depth in Feet	TPHg	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
(All concentrations in parts per million)						
Samples Collected October 25, 1996						
SW-8	260	< 0.50	< 0.10	0.53	0.36	1.3
SW-12	6.6	0.042	0.047	0.028	0.019	0.069
SW-15	4.9	< 0.025	0.0055	0.012	0.011	0.036
SC-8	58	< 0.25	< 0.050	0.14	0.071	0.26
SC-12	< 1.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
SC-15	1.9	0.025	0.027	0.077	0.036	0.13
SE-4.5	7.2	< 0.025	0.062	0.0090	0.0071	0.017
SE-8	< 1.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
SE-12	< 1.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
SE-15	58	< 0.25	< 0.050	< 0.050	0.32	0.11
NW-3	3.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	0.0058
NW-8						
NW-12	< 1.0	0.056	0.017	< 0.0050	0.018	0.014
NW-15	< 1.0	0.10	0.035	< 0.0050	0.036	0.013
NC-3	< 1.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
NC-8	1500	8.9	< 1.0	< 1.0	24	130
NC-12	< 1.0	< 0.025	< 0.0050	< 0.0050	0.0059	0.0070
NC-15	4.1	0.042	0.037	0.032	0.15	0.34
NE-3	< 1.0	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
NE-8	620	3.6	< 0.25	< 0.25	5.0	23
NE-12	3.4	0.032	0.041	0.014	0.064	0.21
NE-15	< 1.0	< 0.025	0.12	< 0.0050	0.021	0.0072

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.
 Sample ID indicates location of sample along edge of new excavation (southeast corner, south center, southwest corner, etc.) and sample depth.



Sequoia Analytical

680 Chesapeake Drive
404 N. Wigel 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

Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Walte	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SE-4.5 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-01	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/26/96 Reported:
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QC Batch Number: GC102596BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	7.2
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	0.062
Toluene	0.0050	0.0090
Ethyl Benzene	0.0050	0.0071
Xylenes (Total)	0.0050	0.017
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	137 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94596
Sacramento, CA 95834

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

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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NW-3 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-02	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/26/96 Reported:
Attention: Paul Waite		

QC Batch Number: GC102596BTEXEXA
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	3.0
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.0058
Chromatogram Pattern: Weathered Gas		C9-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	114

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

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Kevin Follett
Project Manager





Sequoia Analytical

480 Chetapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NW-8 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-03	Sampled: 10/25/96 Received: 10/25/96 Analyzed: Reported:
Attention: Paul Waite		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit	Sample Results
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Analytes reported as N.D. were not present above the stated limit of detection.

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiger 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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NW-12 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-04	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/27/96 Reported:
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QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	0.058
Benzene	0.0050	0.017
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.018
Xylenes (Total)	0.0050	0.014
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 9

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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NW-15 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-05	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/27/96 Reported:
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QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	0.10
Benzene	0.0050	0.035
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.036
Xylenes (Total)	0.0050	0.013
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

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Kevin Follett
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 B	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Cambria	Client Proj. ID: Shell, 999 San Pablo, Albany	Sampled: 10/25/96
1144 65th St. Suite C	Sample Descript: NC-3	Received: 10/25/96
Oakland, CA 94608	Matrix: SOLID	Extracted: 10/25/96
Attention: Paul Waite	Analysis Method: 8015Mod/8020	Analyzed: 10/26/96
	Lab Number: 9610G16-06	Reported:

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	100

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiger 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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NC-8 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-07	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/27/96 Reported:
Attention: Paul Waite		

QC Batch Number: GC102596BTEXExB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	200	1500
Methyl t-Butyl Ether	5.0	8.9
Benzene	1.0	N.D.
Toluene	1.0	N.D.
Ethyl Benzene	1.0	24
Xylenes (Total)	1.0	130
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	96

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NC-12 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-08	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/27/96 Reported:
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QC Batch Number: GC1025968TEXEXB
Instrument ID: GCMP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.0059
Xylenes (Total)	0.0050	0.0070
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	91

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
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

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

Client Proj. ID: Shell, 999 San Pablo, Albany
Sample Descript: NC-15
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9610G16-09

Sampled: 10/25/96
Received: 10/25/96
Extracted: 10/25/96
Analyzed: 10/25/96
Reported:

Attention: Paul Waite

QC Batch Number: GC102596BTEXEX8
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	4.1
Methyl t-Butyl Ether	0.025	0.042
Benzene	0.0050	0.037
Toluene	0.0050	0.032
Ethyl Benzene	0.0050	0.15
Xylenes (Total)	0.0050	0.34
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	116

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

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Kevin Follett
Project Manager





Sequoia Analytical

660 Chesapeake Drive
404 N. Wiger Lane
#19 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

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

Client Proj. ID: Shell, 999 San Pablo, Albany
Sample Descript: NE-3
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9610G16-10

Sampled: 10/25/96
Received: 10/25/96
Extracted: 10/25/96
Analyzed: 10/25/96
Reported:

Attention: Paul Waite

QC Batch Number: GC102596BTEXEB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	99

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: NE-8 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-11	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
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QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	50	620
Methyl t-Butyl Ether	1.2	3.6
Benzene	0.25	N.D.
Toluene	0.25	N.D.
Ethyl Benzene	0.25	5.0
Xylenes (Total)	0.25	23
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70	120

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiger 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

Cambrla 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descrip: NE-12 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G18-12	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
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QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	3.4
Methyl t-Butyl Ether	0.025	0.032
Benzene	0.0050	0.041
Toluene	0.0050	0.014
Ethyl Benzene	0.0050	0.064
Xylenes (Total)	0.0050	0.21
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	102

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

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Kevin Follett
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 B	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Cambria	Client Proj. ID: Shell, 999 San Pablo, Albany	Sampled: 10/25/96
1144 65th St. Suite C	Sample Descript: NE-15	Received: 10/25/96
Oakland, CA 94608	Matrix: SOLID	Extracted: 10/25/96
Attention: Paul Waite	Analysis Method: 8015Mod/8020	Analyzed: 10/27/96
	Lab Number: 9610G16-13	Reported:

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	0.12
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.021
Xylenes (Total)	0.0050	0.0072
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	100

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

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Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive	Redwood City, CA 94063	(415) 364-9600	FAX (415) 364-9233
404 N. Wiger 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

Cambria	Client Proj. ID: Shell, 999 San Pablo, Albany	Sampled: 10/25/96
1144 65th St, Suite C	Sample Descript: SW-8	Received: 10/25/96
Oakland, CA 94608	Matrix: SOLID	Extracted: 10/25/96
Attention: Paul Waite	Analysis Method: 8015Mod/8020	Analyzed: 10/25/96
	Lab Number: 9610G16-14	Reported:

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	20	260
Methyl t-Butyl Ether	0.50	N.D.
Benzene	0.10	N.D.
Toluene	0.10	0.53
Ethyl Benzene	0.10	0.36
Xylenes (Total)	0.10	1.3
Chromatogram Pattern: Weathered Gas		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	121

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

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Kevin Folett
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 B	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SW-12 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-15	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
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QC Batch Number: GC102596BTXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	6.6
Methyl t-Butyl Ether	0.025	0.042
Benzene	0.0050	0.047
Toluene	0.0050	0.028
Ethyl Benzene	0.0050	0.019
Xylenes (Total)	0.0050	0.069
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

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Kevin Follett
Project Manager





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404 N. Wiget Lane
819 Smiker Avenue, Suite 8

Redwood City, CA 94063
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Sacramento, CA 95834

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(916) 921-9600

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FAX (510) 988-9673
FAX (916) 921-0100

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SW-15 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-16	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
Attention: Paul Waite		

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	4.9
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	0.0055
Toluene	0.0050	0.012
Ethyl Benzene	0.0050	0.011
Xylenes (Total)	0.0050	0.036
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SC-8 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-17	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
Attention: Paul Waite		

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	58
Methyl t-Butyl Ether	0.25	N.D.
Benzene	0.050	N.D.
Toluene	0.050	0.14
Ethyl Benzene	0.050	0.071
Xylenes (Total)	0.050	0.28
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Folett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiger Lane
819 Striker Avenue, Suite B

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

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

Client Proj. ID: Shell, 999 San Pablo, Albany
Sample Descript: SC-12
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9610G16-18

Sampled: 10/25/96
Received: 10/25/96
Extracted: 10/25/96
Analyzed: 10/27/96
Reported:

Attention: Paul Waite

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	101

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite	Client Proj. ID: Shell, 999 San Pablo, Albany	Sampled: 10/25/96
	Sample Descript: SC-15	Received: 10/25/96
	Matrix: SOLID	Extracted: 10/25/96
	Analysis Method: B015Mod/8020	Analyzed: 10/25/96
	Lab Number: 9610G16-19	Reported:

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.9
Methyl t-Butyl Ether	0.025	N.D.
Benzene	0.0050	0.027
Toluene	0.0050	0.077
Ethyl Benzene	0.0050	0.036
Xylenes (Total)	0.0050	0.13
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	83

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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680 Chesapeake Drive
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

Cambria 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SE-8 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-20	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
Attention: Paul Waite		

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	85

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite B

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

Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite	Client Proj. ID: Shell, 999 San Pablo, Albany	Sampled: 10/25/96
	Sample Descript: SE-12	Received: 10/25/96
	Matrix: SOLID	Extracted: 10/25/96
	Analysis Method: 8015Mod/8020	Analyzed: 10/25/96
	Lab Number: 9610G16-21	Reported:

QC Batch Number: GC102596BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Methyl t-Butyl Ether	0.025	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:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	85

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

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
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 Sutter Avenue, Suite 8	Sacramento, CA 95834	(916) 921-9600	FAX (916) 921-0100

Cambrisa 1144 65th St. Suite C Oakland, CA 94608	Client Proj. ID: Shell, 999 San Pablo, Albany Sample Descript: SE-15 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9610G16-22	Sampled: 10/25/96 Received: 10/25/96 Extracted: 10/25/96 Analyzed: 10/25/96 Reported:
Attention: Paul Waite		
QC Batch Number: GC102596BTEXExB		
Instrument ID: GCHP18		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	58
Methyl t-Butyl Ether	0.25	N.D.
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	0.32
Xylenes (Total)	0.050	0.11
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	99

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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Analytical**

680 Chesapeake Drive
404 N. Wiger 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

Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite	Client Proj. ID: Shell, 999 San Pablo, Albany Lab Proj. ID: 9610G16	Received: 10/25/96 Reported:
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LABORATORY NARRATIVE

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