



CAMBRIA Environmental Technology
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FAX TRANSMITTAL

TO: JENNIFER EBERLIE

FROM: PHILIP T. GITTENS

COMPANY: ACDEH

DATE: 4/22/96

FAX NUMBER: 337-9335

PROJECT NUMBER:

SUBJECT:

PAGES TO FOLLOW: 3

COMMENTS:

Attached are tables which summarize laboratory
analytic results for 1230 ~~E.~~ 14th St., Oakland.

420-9176 David Elias

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Table 1. Soil Analytic Data - Shell WIC #204-5508-3103 / 1230 14th Street, Oakland, California

Soil Boring	Date	TPPH	Benzene	Toluene	Ethylbenzene	Xylenes	Petroleum Oil and Grease
← ppm →							
Soil Samples							
SB-A/MW-1-10.5	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	160
SB-A/MW-1-16.0	03/06/96	9.8	1.9	0.4	0.22	1.1	57
SB-A/MW-1-20.5	03/06/96	5.9	0.89	0.049	0.19	0.25	80
SB-B/MW-2-10.5	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-B/MW-2-16.0	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-C-11.75	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-C-15.5	03/06/96	1.9	0.002	0.12	0.086	0.32	-
SB-D/MW-3-10.5	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-D/MW-3-15.5	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-E-10.5	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	<50
SB-E-16.0	03/06/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	200
SB-F/VW/AS-1-5.5	03/07/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-F/VW/AS-1-10.5	03/07/96	62	0.97	4.2	1.4	8.0	-
SB-F/VW/AS-1-15.5	03/07/96	7.4	1.7	0.44	0.2	0.6	-
SB-F/VW/AS-1-20.5	03/07/96	20	2.6	1.7	0.5	2	-

Table 1. Soil Analytic Data - Shell WIC #204-5508-3103 / 1230 14th Street, Oakland, California

Soil Boring	Date	TPPH	Benzene	Toluene	Ethylbenzene	Xylenes	Petroleum Oil and Grease
←----- ppm -----→							
SB-G/VW/MW-2-8.5	03/07/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-G/VW/MW-2-10.5	03/07/96	<1.0	0.0032	<0.0025	<0.0025	<0.0025	-
SB-G/VW/MW-2-20.5	03/07/96	2.9	0.47	0.34	0.15	0.57	-
SB-H/VW/AS-3-8.5	03/07/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-H/VW/AS-3-10.5	03/07/96	<1.0	0.018	<0.0025	<0.0025	0.014	-
SB-H/VW/AS-3-21.0	03/07/96	1	0.047	0.016	0.0037	0.017	-
SB-I/VW/MW-4-5.5	03/08/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-I/VW/MW-4-8.5	03/08/96	80	0.14	0.33	1.3	5.2	-
SB-I/VW/MW-4-15.5	03/08/96	3.4	0.23	0.093	0.1	0.42	-
SB-J-10.5	03/08/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-
SB-K/MW-4-10.5	03/08/96	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	-

Abbreviations:

TPPH = Total purgeable petroleum hydrocarbons as gasoline by EPA method Modified 8015.

Benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA method 8020.

Petroleum oil and grease (POG) by Standard Method 5520.

-- = Not sampled

ppm=parts per million

<x>=not detected above x ppm

Table 2. Ground Water Analytic Data - Shell WIC #204-5508-3103 / 1230 14th Street, Oakland, California

Soil Boring/ Monitoring Well	Date	TPPH	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl t-Butyl Ether	Petroleum Oil and Grease
←----- ppb ----->								
Grab Ground Water samples								
SB-C	03/07/96	22,000	130	790	820	4,300	--	--
SB-E	03/07/96	960	170	0.9	0.8	3.1	--	--
SB-J	03/08/96	<50	<0.5	<0.5	<0.5	<0.5	--	--
Monitoring Well Samples								
SB-A/MW-1	03/25/96	37,000	7,400	1,500	720	3,200	<500	<5000
SB-B/MW-2	03/25/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
SB-D/MW-3	03/25/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
SB-K/MW-4	03/25/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
SB-G/VW/MW-2	03/25/96	13,000	900	920	180	1,500	<250	--
SB-I/VW/MW-4	03/25/96	13,000	6,500	7,000	2,000	11,000	<250	--

Abbreviations:

TPPH = Total purgeable petroleum hydrocarbons as gasoline by modified EPA method 8015.

Petroleum Oil and Grease = Petroleum hydrocarbons as oil and grease by Standard Method 5520 B&F Mod.

Benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA method 8020.

-- = Not sampled

ppb=parts per billion

<x=not detected above x ppb

CAMBRIA Environmental Technology, Inc.

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FAX TRANSMITTAL

TO: Jennifer Eberle

FROM: Philip T. Gittens

COMPANY: ACDEH

DATE: April 25, 1996

FAX NUMBER: 337-9335

PROJECT NUMBER:

SUBJECT: 1230 14th Street, Oakland

PAGES TO FOLLOW: 1

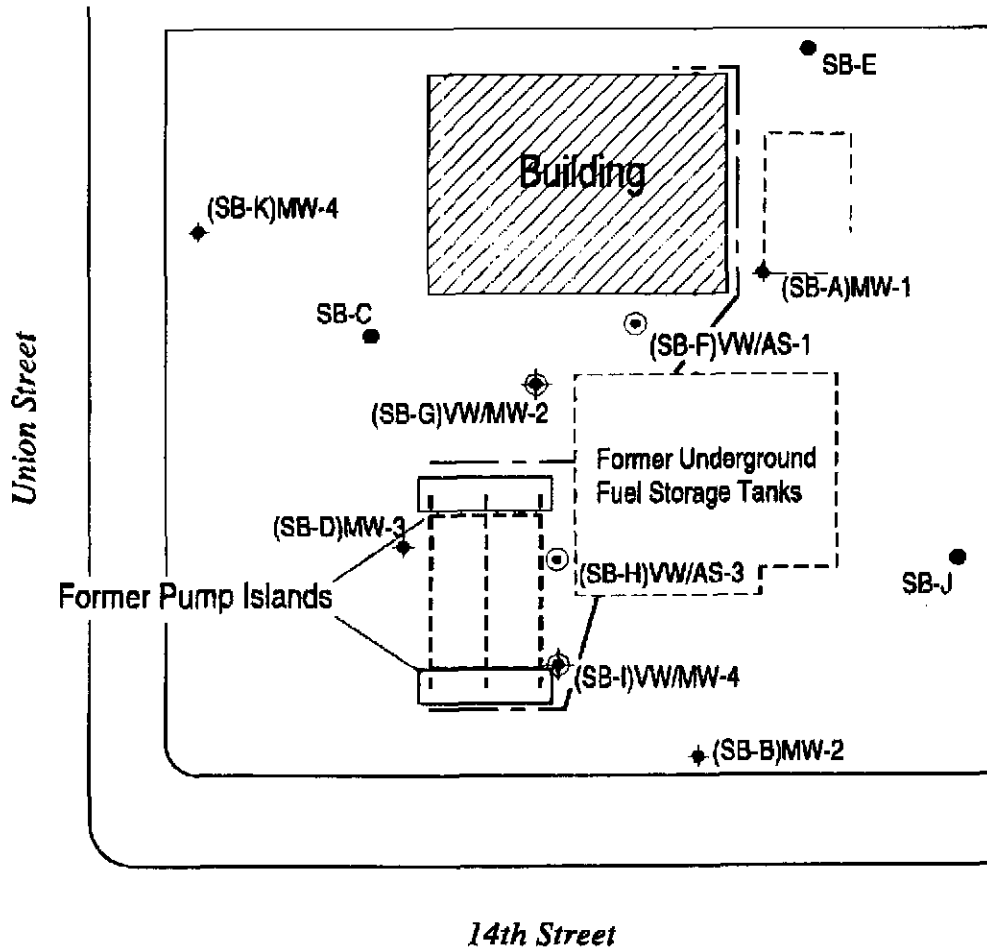
HARD COPY TO FOLLOW: No

COMMENTS:

Jennifer, Please find attached a site plan showing the ground water, vapor extraction, and air sparging wells that have been installed on site.

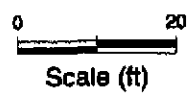
Please call me at 420-9182 if you need additional information. Thanks !

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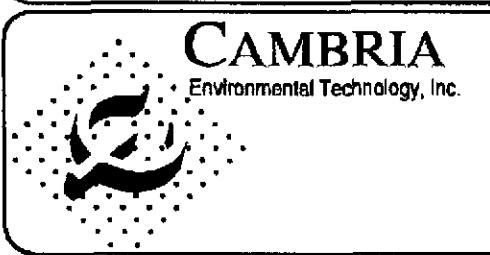


LEGEND

- Former Vent Piping
- - - Former Product Piping
- ◆ Ground Water Monitoring Well 4
- ⊙ Combination Air Sparge/Soil Vapor Extraction Wells 2
- Soil Boring 3
- ⊕ Combination Soil Vapor Extraction Well/Monitoring Well 2



Base Map by Tank Protect Engineering



Former Shell Service Station
 WIC # 204-5508-3103
 1230 14th Street
 Oakland, California
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Soil Boring
 and Well Locations

FIGURE
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