

URS

R-281

September 15, 2003

Alameda County

OCT 03 2003

Environmental Health

Ms. Amir Gholami
Alameda County Health Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: **Second Semi-Annual 2003 Groundwater Monitoring Report
Former BP Service Station #11104
1716 Webster Street
Alameda, California
URS Project #38486457**

Dear Mr. Gholami:

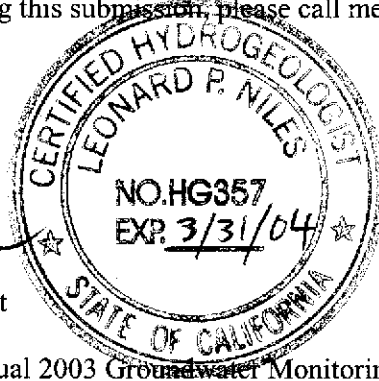
On behalf of BP (an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the *Second Semi-Annual 2003 Groundwater Monitoring Report* for the Former BP Service Station #11104, located at 1716 Webster Street, Alameda, California.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION

Leonard P. Niles
Leonard P. Niles, R.G./C.H.G.
Project Manager / Senior Geologist



Enclosure: **Second Semi-Annual 2003 Groundwater Monitoring Report**

cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
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R E P O R T

Alameda County

OCT 03 2003

Environmental Health

**SECOND SEMI-ANNUAL 2003
GROUNDWATER MONITORING**

FORMER BP SERVICE STATION #11104
1716 WEBSTER STREET
ALAMEDA, CALIFORNIA

Prepared for
BP GEM

September 15, 2003

URS

URS Corporation
500 12th Street, Suite 200
Oakland, California 94607

38486457

Date: September 15, 2003
Quarter: 3Q 03

BP GEM SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Facility No.: 11104 Address: 1716 Webster Street, Alameda, California
BP Environmental Engineer: Paul Supple
Consulting Co./Contact Person: URS Corporation / Leonard Niles
Consultant Project No.: 38486457
Primary Agency: Alameda Country Department of Environmental Health

WORK PERFORMED THIS PERIOD (Third – 2003):

1. Performed first semi-annual groundwater monitoring event on August 14, 2003.
2. Prepared and submitted second 2003 semi-annual groundwater monitoring report.

WORK PROPOSED FOR NEXT PERIOD (Fourth – 2003):

1. Prepare and submit fourth quarter 2003 site status report.

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Wells MW-1 and RW-1 semiannually (1st & 3rd Quarters);
Wells MW-2 through MW-5 annually (1st Quarter).
Frequency of Groundwater Monitoring: Semiannual
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: None
Approximate Depth to Groundwater: 5.07 (RW-1) to 6.34 (MW-1) feet
Groundwater Gradient (direction): Semi-Radial (Northeast to Southwest)
Groundwater Gradient (magnitude): 0.008 to 0.063 feet per foot

DISCUSSION:

TPH-g and benzene were detected in one of the two wells sampled this quarter (MW-1) at concentrations of 5,400 µg/L and 210 µg/L, respectively. MTBE was detected in both of the wells at concentrations of 490 µg/L (RW-1) and 4,500 µg/L (MW-1).

The original scope of work stated that wells MW-2 through MW-5 were only to be gauged during the first quarter. Therefore, third quarter groundwater levels for these wells are not available. However, this issue has been addressed, and gauging of these wells will now be done semiannually during the first and third quarter.

ATTACHMENTS:

- **Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – August 14, 2003**
- **Table 1 – Groundwater Elevation and Analytical Data**
- **Table 2 – Fuel Oxygenate Analytical Data**
- **Attachment A – Concentration and Water Level Trends (MW-1 and RW-1)**
- **Attachment B – Field Procedures and Field Data Sheets**
- **Attachment C – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records**
- **Attachment D – Joint Monitoring Data**
- **Attachment E – EDCC Report and EDF/Geowell Submittal Confirmation**

Table 1
Groundwater Elevation and Analytical Data

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
MW-1	07/21/92	11.98	5.91	6.07	34000	7000	1700	2500	6900	---	---	---	---
	10/20/92		6.66	5.32	---	---	---	---	---	---	---	---	---
	03/05/93		4.56	7.42	---	---	---	---	---	---	---	---	---
	04/01/93		4.57	7.41	---	---	---	---	---	---	---	---	---
	07/09/93		5.25	6.73	77000	15000	1400	2100	7400	11919	(c)(k)	---	PACE
(d)	07/09/93		---	---	79000	16000	1500	2200	7700	12952	(c)(k)	---	PACE
	10/08/93		6.01	5.97	42000	7100	270	2700	4700	---	(k)	---	PACE
	01/06/94		6.24	5.74	45000	12000	4300	3000	6700	---	(k)	---	PACE
	04/26/94		5.26	6.72	39000	6500	500	1800	1200	16663	(c)(k)	6.3	PACE
	07/25/94		5.60	6.38	38000	6300	240	1500	1100	26428	(c)(k)	1.7	PACE
	10/13/94		6.15	5.83	25000	6300	130	1300	830	---	(k)	2.3	PACE
(d)	10/13/94		---	---	25000	7300	120	1200	740	---	(k)	---	PACE
	01/17/95		4.19	7.79	7800	3100	1100	460	850	---	---	7.9	ATI
(d)	01/17/95		---	---	8400	3100	1200	470	1000	---	---	---	ATI
	03/31/95		4.48	7.50	37000	6700	6900	1200	4500	---	---	6.4	ATI
(d)	03/31/95		---	---	40000	6900	7300	1300	5000	---	---	---	ATI
	05/01/95		4.39	7.59	---	---	---	---	---	---	---	---	---
	07/12/95		5.02	6.96	29000	7000	300	1500	3900	---	---	7.2	ATI
(d)	07/12/95		---	---	29000	6600	380	1500	3900	---	---	---	ATI
	10/12/95		5.68	6.30	20000	3400	310	1100	3000	15000	---	6.3	ATI
(d)	10/12/95		---	---	20000	3500	310	1100	3000	14000	---	---	ATI
	02/27/96		4.18	7.80	18000	4400	2900	860	2380	5500	472	7.9	SPL
	05/08/96		4.89	7.09	---	---	---	---	---	---	---	---	---
	05/09/96		---	---	14000	2300	1900	540	3340	2700	---	6.1	SPL
	08/09/96		5.13	6.85	---	---	---	---	---	---	---	---	---
	08/12/96		---	---	13000	2800	190	1300	3040	1800	---	7.1	SPL
	11/07/96		5.65	6.33	12000	2100	35	ND<25	ND<25	2100	---	7.2	SPL
	02/10/97		4.80	7.18	180000	1900	ND<500	ND<500	ND<500	160000	---	6.8	SPL
(d)	02/10/97		---	---	180000	2100	ND<500	ND<500	ND<500	160000	---	---	SPL
	08/04/97		5.69	6.29	14000	2700	ND<50	1200	1220	250000	---	7.2	SPL
(d)	08/04/97		---	---	ND<25000	2600	ND<50	1200	1100	260000	---	---	SPL
	01/27/98		3.96	8.02	390000	4400	4300	1600	2890	490000	---	6.4	SPL
	09/02/98		5.03	6.95	230000	3900	ND<50	1900	1000	230000	---	6.3	SPL
	02/24/99		4.94	7.04	82000	3000	520	2600	3200	190000/200000	(h)	---	SPL
	08/30/99		6.31	5.67	11000	2100	ND<25	1800	580	48000	---	---	SPL

Table 1
Groundwater Elevation and Analytical Data

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB		
MW-1	02/21/00		4.47	7.51	12000	(i)	1200	250	930	1800	31000	---	---	PACE	
(Cont.)	08/08/00		5.59	6.39	4500		160	2.8	76	88	60000	---	---	PACE	
	02/12/01		6.04	5.94	14000		363	ND<12.5	108	293	18000	---	---	PACE	
	08/13/01		6.44	5.54	14000		161	17.1	255	545	5590	---	---	PACE	
	02/04/02		4.49	7.49	17000		176	57.9	538	1670	2470	---	---	PACE	
	8/29/02*		5.22	6.76	4800	(l)	180	43	130	540	3100	---	---	SEQ	
	02/05/03		5.43	6.55	770		29	9.8	4.2	47	590	(m,n)	---	---	SEQ
(p)	08/14/03		6.34	5.64	5400		210	ND<50	90	200	4500	---	---	SEQ	

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WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
MW-2	07/21/92	12.98	6.44	6.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
	10/20/92		7.39	5.59	---	---	---	---	---	---	---	---	---
	03/05/93		4.91	8.07	---	---	---	---	---	---	---	---	---
	04/01/93		4.92	8.06	---	---	---	---	---	---	---	---	---
	07/09/93		5.60	7.38	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	10/08/93		6.50	6.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
(d)	10/08/93		---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	01/06/94		6.25	6.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	04/26/94		5.73	7.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	7.5	PACE
	07/25/94		6.07	6.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11.59	(k)	2.4	PACE
	10/13/94		6.80	6.18	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	2.4	PACE
	01/17/95		5.10	7.88	---	---	---	---	---	---	---	---	---
	03/31/95		4.69	8.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.3	ATI
	05/01/95		5.23	7.75	---	---	---	---	---	---	---	---	---
	07/12/95		5.40	7.58	---	---	---	---	---	---	---	---	---
	10/12/95		6.06	6.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.9	ATI
	02/27/96		4.66	8.32	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	412	8.7	SPL
	05/08/96		5.28	7.70	---	---	---	---	---	---	---	---	---
	08/09/96		5.59	7.39	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.8	SPL
	11/07/96		6.11	6.87	---	---	---	---	---	---	---	---	---
	02/10/97		5.26	7.72	---	---	---	---	---	---	---	---	---
	08/04/97		6.14	6.84	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.5	SPL
	01/27/98		4.42	8.56	---	---	---	---	---	---	---	---	---
	09/02/98		5.47	7.51	100	0.56	3.6	ND<1.0	3.0	110	---	6.9	SPL
	02/24/99		5.12	7.86	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	8.2	---	---	SPL
	08/30/99		6.60	6.38	---	---	---	---	---	---	---	---	---
	02/21/00		4.64	8.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.72	---	---	PACE
	02/12/01		5.13	7.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
	02/04/02		5.63	7.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	---	---	PACE
	8/29/02*		5.79	7.19	---	---	---	---	---	---	---	---	---
	02/05/03		5.61	7.37	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	(n)	---	SEQ
(o)	08/14/03		---	---	---	---	---	---	---	---	---	---	---

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Groundwater Elevation and Analytical Data**

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB		
MW-3	(e) 07/21/92	13.38	7.07	6.31	ND<50	0.95	ND<0.5	ND<0.5	ND<0.5	---	---	---	---		
	10/20/92		8.06	5.32	---	---	---	---	---	---	---	---	---		
	03/05/93		5.16	8.22	---	---	---	---	---	---	---	---	---		
	04/01/93		5.25	8.13	---	---	---	---	---	---	---	---	---		
	07/09/93		5.80	7.58	ND<50	0.6	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE		
	10/08/93		7.17	6.21	ND<50	0.6	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE		
	01/06/94		6.94	6.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE		
	04/26/94		6.18	7.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	3.1	PACE		
	07/25/94		6.67	6.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	2.2	PACE		
	10/13/94		7.43	5.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	2.1	PACE		
	01/17/95		5.07	8.31	---	---	---	---	---	---	---	---	---		
	03/31/95		4.03	9.35	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	6.6	ATI		
	05/01/95		4.94	8.44	---	---	---	---	---	---	---	---	---		
	07/12/95		5.80	7.58	---	---	---	---	---	---	---	---	---		
	10/12/95		6.64	6.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.4	ATI		
	02/27/96		4.75	8.63	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	316	8.5	SPL		
	05/08/96		5.86	7.52	---	---	---	---	---	---	---	---	---		
	08/09/96		5.70	7.68	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.9	SPL		
	11/07/96		6.21	7.17	---	---	---	---	---	---	---	---	---		
	02/10/97		5.14	8.24	---	---	---	---	---	---	---	---	---		
	08/04/97		6.01	7.37	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.6	SPL		
	01/27/98		4.30	9.08	---	---	---	---	---	---	---	---	---		
	09/02/98		5.80	7.58	ND<50	ND<0.5	2.2	ND<1.0	ND<1.0	ND<10	---	6.6	SPL		
	02/24/99		4.34	9.04	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL		
	08/30/99		6.59	6.79	---	---	---	---	---	---	---	---	---		
	02/21/00		4.56	8.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE		
	(j) 02/12/01		4.98	8.40	---	---	---	---	---	---	---	---	---		
	(j) 02/04/02		6.11	7.27	---	---	---	---	---	---	---	---	---		
	(j) 8/29/02*		6.22	7.16	---	---	---	---	---	---	---	---	---		
	(f) 02/05/03		---	---	-----Obstruction in Well - Unable to Sample-----								---	---	---
	(o) 08/14/03		---	---	---	---	---	---	---	---	---	---	---		

**Table 1
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Former BP Service Station #11104
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WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
MW-4	03/05/93	11.80	4.81	6.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
	04/01/93		4.80	7.00	---	---	---	---	---	---	---	---	---
	07/09/93		5.54	6.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	10/08/93		6.28	5.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	01/06/94		5.82	5.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
	04/26/94		5.50	6.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	7.4	PACE
	07/25/94		5.83	5.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	7.2	PACE
	10/13/94		6.26	5.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	6.7	PACE
	01/17/95		4.19	7.61	---	---	---	---	---	---	---	---	---
	03/31/95		3.96	7.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.1	ATI
	05/01/95		4.49	7.31	---	---	---	---	---	---	---	---	---
	07/12/95		5.16	6.64	---	---	---	---	---	---	---	---	---
	10/12/95		5.80	6.00	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.9	ATI
	02/27/96		4.22	7.58	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	256	8.9	SPL
	05/08/96		5.00	6.80	---	---	---	---	---	---	---	---	---
	08/09/96		5.13	6.67	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	8.5	SPL
	11/07/96		5.65	6.15	---	---	---	---	---	---	---	---	---
	02/10/97		4.81	6.99	---	---	---	---	---	---	---	---	---
	08/04/97		5.72	6.08	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.4	SPL
	01/27/98		4.06	7.74	---	---	---	---	---	---	---	---	---
	09/02/98		4.89	6.91	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	5.8	SPL
	02/24/99		3.89	7.91	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL
	08/30/99		5.62	6.18	---	---	---	---	---	---	---	---	---
	02/21/00		4.00	7.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66	---	---	PACE
	02/12/01		4.93	6.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.982	---	---	PACE
	02/04/02		4.49	7.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	---	---	PACE
	8/29/02*		5.38	6.42	---	---	---	---	---	---	---	---	---
	02/05/03		4.50	7.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	(n)	---	SEQ
(a)	08/14/03		---	---	---	---	---	---	---	---	---	---	---

Table 1
Groundwater Elevation and Analytical Data

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
MW-5	04/01/93	11.62	4.77	6.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
	07/09/93		5.40	6.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	10/08/93		5.87	5.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	01/06/94		5.75	5.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
	04/26/94		5.49	6.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
	07/25/94		5.69	5.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
	10/13/94		6.03	5.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
	01/17/95		4.74	6.88	---	---	---	---	---	---	---	---	---
	03/31/95		4.58	7.04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	7.1	ATI
	05/01/95		4.79	6.83	---	---	---	---	---	---	---	---	---
	07/12/95		5.32	6.30	---	---	---	---	---	---	---	---	---
	10/12/95		5.70	5.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	6.7	ATI
(f)	02/27/96		---	---	---	---	---	---	---	---	---	---	---
	05/08/96		4.91	6.71	---	---	---	---	---	---	---	---	---
	08/09/96		5.01	6.61	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	7.7	SPL
	11/07/96		5.54	6.08	---	---	---	---	---	---	---	---	---
	02/10/97		4.66	6.96	---	---	---	---	---	---	---	---	---
	08/04/97		5.51	6.11	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.9	SPL
	01/27/98		4.01	7.61	---	---	---	---	---	---	---	---	---
	09/02/98		5.17	6.45	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	6.4	SPL
	02/24/99		4.52	7.10	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	---	SPL
	08/30/99		6.02	5.60	---	---	---	---	---	---	---	---	---
	02/21/00		4.62	7.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
	02/12/01		4.80	6.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
	02/04/02		4.63	6.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	---	---	PACE
	8/29/02*		5.15	6.47	---	---	---	---	---	---	---	---	---
	02/05/03		4.36	7.26	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	---	---	SEQ
(o)	08/14/03		---	---	---	---	---	---	---	---	---	---	---

**Table 1
Groundwater Elevation and Analytical Data**

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
RW-1	01/06/94	11.84	5.59	6.25	23000	3800	210	840	2100	4663	(c)(k)	---	PACE
(d)	01/06/94		---	---	24000	3700	210	830	2000	4562	(c)(k)	---	PACE
	04/26/94		5.21	6.63	24000	3500	120	800	1700	8145	(c)(k)	6.4	PACE
(d)	04/26/94		---	---	22000	3300	110	700	1700	6909	(c)(k)	---	PACE
	07/25/94		5.52	6.32	31000	4800	290	1100	1700	ND<5.0	(c)(k)	5.5	PACE
(d)	07/25/94		---	---	28000	4400	240	960	1400	20608	(c)(k)	---	PACE
	10/13/94		6.05	5.79	20000	4200	46	990	440	---	(k)	6.8	PACE
	01/17/95		4.02	7.82	9600	1500	65	300	2700	---	---	7.7	ATI
	03/31/95		3.81	8.03	16000	1500	780	370	2000	---	---	7.8	ATI
	05/01/95		4.21	7.63	---	---	---	---	---	---	---	---	---
	07/12/95		4.93	6.91	22000	3700	150	950	2800	---	---	7.2	ATI
	10/12/95		5.46	6.38	30000	1600	1500	1700	8500	4300	---	7.0	ATI
	02/27/96		4.00	7.84	1800	30	24	41	440	52	194	7.7	SPL
(d)	02/27/96		---	---	1600	30	23	38	420	50	---	---	SPL
	05/08/96		4.65	7.19	---	---	---	---	---	---	---	---	---
	05/09/96		---	---	3200	19	19	97	800	ND<50	---	7.1	SPL
(d)	05/09/96		---	---	2900	15	15	78	700	ND<50	---	---	SPL
	08/09/96		4.96	6.88	---	---	---	---	---	---	---	---	---
	08/12/96		---	---	6900	210	270	390	1920	ND<100	---	7.9	SPL
(d)	08/12/96		---	---	8200	270	330	450	2330	ND<100	---	---	SPL
	11/07/96		5.50	6.34	6100	320	45	ND<10	ND<10	430	---	6.9	SPL
(d)	11/07/96		---	---	6800	360	45	ND<10	ND<10	500	---	---	SPL
	02/10/97		3.85	7.99	170000	ND<120	ND<250	ND<250	ND<250	150000	---	6.7	SPL
	08/04/97		4.72	7.12	ND<25000	580	450	630	3700	230000	---	6.9	SPL
	01/27/98		3.80	8.04	52000	380	330	490	2970	38000	---	6.1	SPL
(d)	01/27/98		---	---	51000	380	300	480	2980	36000	---	---	SPL
	09/02/98		4.91	6.93	260000	2500	56	1400	3070	250000	---	6.6	SPL
(d)	09/02/98		---	---	280000	2400	ND<50	1400	3170	270000	---	---	SPL
	02/24/99		4.16	7.68	120	ND<1.0	ND<1.0	1.5	13	130/140	(h)	---	SPL
	08/30/99		5.52	6.32	3100	320	ND<25	120	28	60000	---	---	SPL
	02/21/00		3.68	8.16	340	(i) 8.6	1.8	11	66	2500	---	---	PACE
	08/08/00		4.85	6.99	1600	3.2	ND<0.5	0.82	1.2	19000	---	---	PACE
	02/12/01		4.26	7.58	1500	1.33	ND<0.5	ND<0.5	5.69	2420	---	---	PACE
	08/13/01		5.34	6.50	290	ND<0.5	ND<0.5	ND<0.5	ND<1.5	314	---	---	PACE
	02/04/02		4.08	7.76	570	9.15	0.874	19.2	83.8	97.4	---	---	PACE
	8/29/02*		5.12	6.72	ND<50	0.59	ND<0.50	ND<0.50	ND<0.50	19	---	---	SEQ
	02/05/03		5.21	6.63	ND<50	ND<0.50	ND<0.50	0.68	1.7	18	(n)	---	SEQ
(p)	08/14/03		5.07	6.77	ND<500	ND<5.0	ND<5.0	ND<5.0	5.4	490	---	---	SEQ

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WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	GWE (Feet)	TPH-G (b) (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TDS (mg/L)	DO (ppm)	LAB
QC-2 (g)	07/09/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
QC-2 (g)	10/08/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
QC-2 (g)	01/06/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
QC-2 (g)	04/26/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
QC-2 (g)	07/25/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	(k)	---	PACE
QC-2 (g)	10/13/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	(k)	---	PACE
QC-2 (g)	01/17/95	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	---	ATI
QC-2 (g)	03/31/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (g)	07/12/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (g)	10/12/95	---	---	---	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	ATI
QC-2 (g)	02/27/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL
QC-2 (g)	05/09/96	---	---	---	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL

Table 1
Groundwater Elevation and Analytical Data

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
TDS	Total dissolved solids
DO	Dissolved oxygen
ug/L	Micrograms per liter
mg/L	Milligrams per liter
ppm	Parts per million
--	Not applicable/available/analyzed/measured
ND<	Not detected above reported detection limit
PACE	Pace Analytical Services, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories
SEQ	Sequoia Analytical
TOC	Top of Casing
DTW	Depth to Water
GWE	Groundwater Elevation
*	During the second quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

NOTES:

- (a) Top of casing elevations surveyed in reference to USGS benchmark (14.108 feet above mean sea level) at northwest corner of Webster Street and Pacific Avenue.
- (b) Groundwater elevations in feet above mean sea level.
- (c) A copy of the documentation for this data is included in Appendix C of Alisto report 10-155-07-001
- (d) Blind duplicate.
- (e) Sample also analyzed for cadmium, nickel, chromium, lead, and zinc. None were detected above the reported detection limit.
- (f) Well inaccessible.
- (g) Travel blank.
- (h) MTBE by EPA Methods 8020/8260.
- (i) Gasoline does not include MTBE.
- (j) Unable to sample.
- (k) A copy of the documentation for this data can be found in Baline Tech Services report 010813-N-2. No chromatograms could be located for MTBE data from wells MW-2, MW-3, MW-4, MW-5, and QC-2, sampled on July 9, 1993; all wells sampled on October 8, 1993; wells MW-1, MW-2, and MW-3, sampled on January 6, 1994; and all wells sampled on October 13, 1994.
- (l) Chromatogram Pattern: Gasoline C6-C10
- (m) The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- (n) The closing calibration was outside acceptance limits by 1% high. This should be considered in evaluating the result. The avg. % difference for all analytes met the 15% requirement and the QC suggests that calibration linearity is not a factor.
- (o) The original scope of work only called for annual gauging of well. This issue has been addressed, and in the future, gauging of this well will be semi-annual (1st and 3rd quarter).
- (p) Groundwater samples analyzed by EPA Method 8260B for TPH-g/BTEX and MTBE.

Source : The data within this table collected prior to June 2002 was provided to URS by BP Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2
Fuel Oxygenate Analytical Data

Former BP Service Station #11104
1716 Webster Street, Alameda, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-1	08/14/03	ND<10,000 ^a	ND<2,000	4,500	ND<50	ND<50	89	ND<50	ND<50
MW-2	08/14/03	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	08/14/03	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	08/14/03	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	08/14/03	NS	NS	NS	NS	NS	NS	NS	NS
RW-1	08/14/03	ND<1,000 ^a	ND<200	490	ND<5.0	ND<5.0	11	ND<5.0	ND<5.0

Notes:

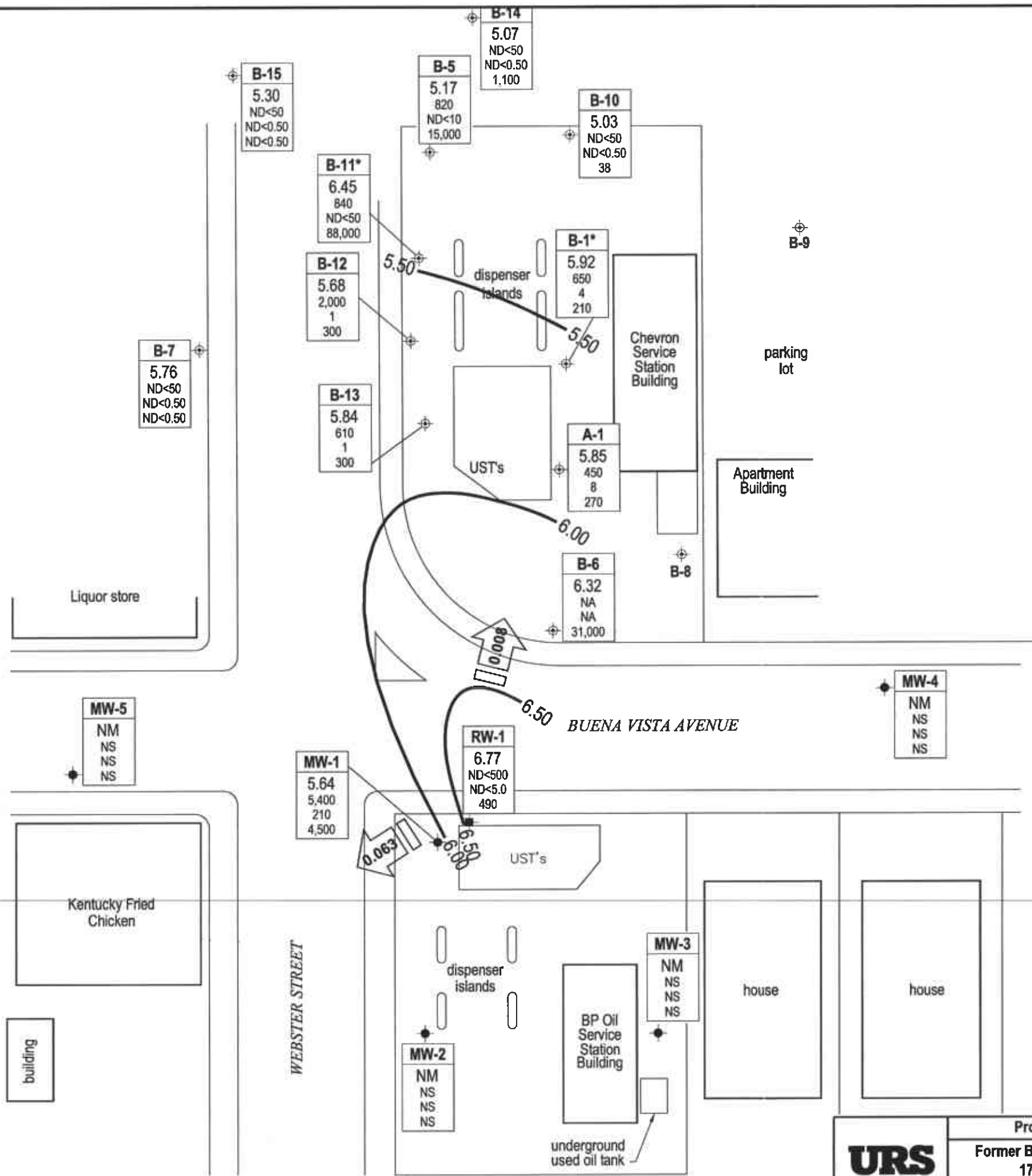
All fuel oxygenate compounds analyzed using EPA Method 8260B

Abbreviations:

- TBA = tert-Butyl alcohol
- MTBE = Methyl tert-Butyl ether
- DIPE = Di-isopropyl ether
- ETBE = Ethyl tert Butyl ether
- TAME = tert-Amyl Methyl ether
- 1,2-DCA = 1,2-Dibromoethane
- EDB = 1,2-Dichloroethane
- µg/L = micrograms per liter
- ND< = Not detected at or above specified laboratory method detection limit
- NS = Not Sampled

^a = The continuing calibration was outside of client contractual acceptance limits by 3.4% low. However, it was within the method acceptance limit. The data should still be useful for its intended purpose.

X:\x_env\wast\BP_GEM\Sites\Liles_Sites\1104\Reports\Monitoring\Dr. 3. 2003\Drawings\GWEC_AS_B-14.dwg, 08/22/2003 11:26:55 AM, JKMT, URS

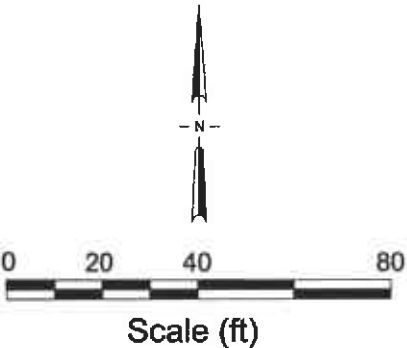


EXPLANATION

- ◆ Monitoring well
- ◆ Groundwater recovery well
- ◆ Chevron monitoring well
- 0.007 Groundwater flow direction and gradient
- X.XX Groundwater elevation contour (Feet above site datum)

Well	ELEV	TPH-g	Benzene	MTBE
ND				Not detected at or above laboratory reporting limits
NS				Not sampled
*				Anomalous elevation, not used in contouring

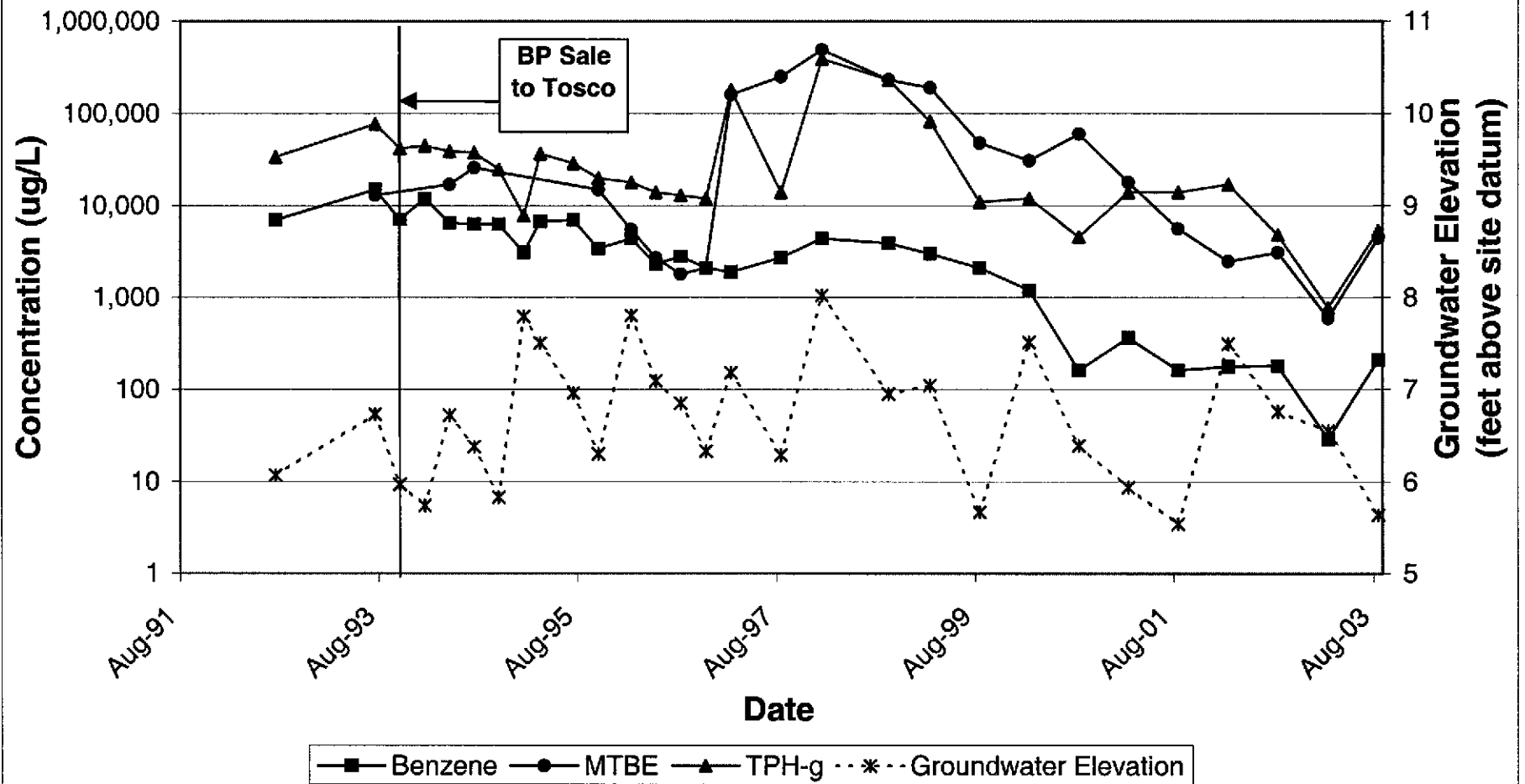
NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



ATTACHMENT A

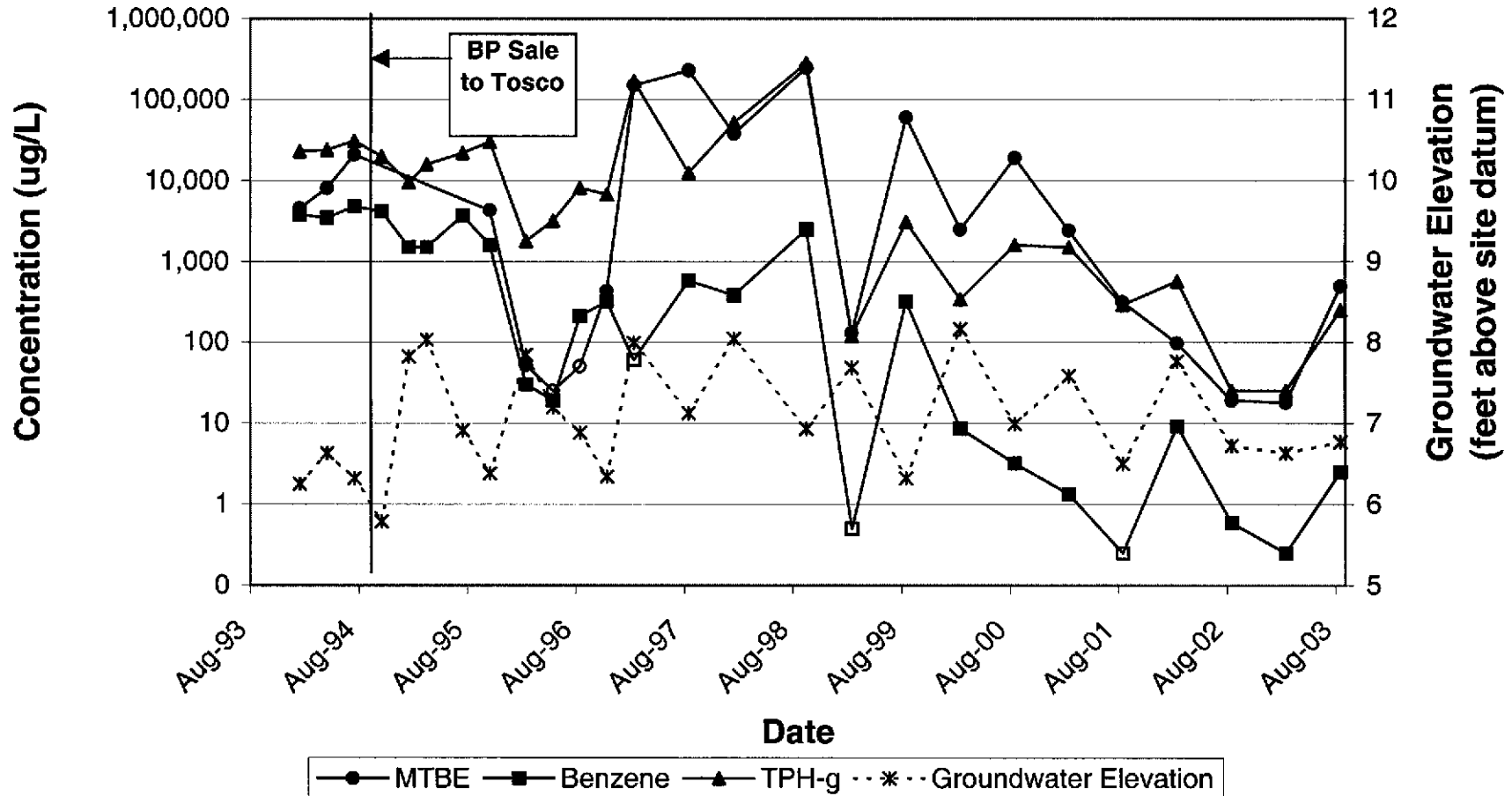
**CONCENTRATION AND WATER LEVEL TRENDS
(MW-1 & RW-1)**

Concentration and Water Level Trends Well MW-1



Former BP Service Station #11104
1716 Webster Street
Alameda, California

Concentration and Water Level Trends Well RW-1



Former BP Service Station #11104
1716 Webster Street
Alameda, California

ATTACHMENT B
FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe.

Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # D30314-MM3 Date 8/14/03 Client 11104

Site 1716 Webster St., Alameda

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
2 Mh-1	2					6.34	15.59	TOC
1 Ah-1	6					5.07	22.35	↓

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030814-MW?	Station # 11104
Sampler: MM	Date: 8/14/03
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 15.59	Depth to Water: 6.34
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer	Sampling Method: Bailer
Disposable Bailer	(Disposable Bailer)
(Middleburg)	Extraction Port
Electric Submersible Extraction Pump	Other: _____
Other: _____	

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1.5	x	3	=	4.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μS)	Gals. Removed	Observations
1455	73.3	6.8	715	1.5	cloudy (light brown), odor
1457	72.2	7.1	682	3.0	cloudy, odor
1459	71.6	7.3	650	4.5	clear, odor

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4.5
Sampling Time: 1505 <i>site departure</i>	Sampling Date: 8/14/03
Sample I.D.: MW-1	Laboratory: Pace (Sequoia) Other _____
Analyzed for: (TPH-C) (BTEX) MTBE TPH-D Other: <i>oxy's + Ethanol (all by 8260)</i>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 036814-MM3	Station # 11104
Sampler: MM	Date: 8/14/03
Well I.D.: 2-1	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: 22.35	Depth to Water: 6.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	<u>6"</u>	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
Electric Submersible Other: _____
 Extraction Pump

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>25.4</u>	x	<u>3</u>	=	<u>76.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1437	72.8	6.3	374	26	clear, odor
			<u>(a)</u>	49.0	DW = 13.00
1516	71.2	6.5	367	—	clear

Did well dewater? Yes No Gallons actually evacuated: 49.0

Sampling Time: 1515 site departure Sampling Date: 8/14/03

Sample I.D.: 2-1 Laboratory: Pace Sequoia Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: oxy's + Ethanol (all by g260)

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:

WELLHEAD INSPECTION CHECKLIST

Client 11104 Date 8/14/03
 Site Address 1716 Webster St., Alameda
 Job Number 030814-MM3 Technician MM

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
Mh-1								X
Rh-1								X

NOTES: _____



Chain of Custody Record

Project Name 030814-MN3
 BP BU/GEM CO Portfolio: _____
 BP Laboratory Contract Number: _____

Date: 8/14/03 Requested Due Date (mm/dd/yy): Standard

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Send To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 1716 WEBSTER ST., ALAMEDA, CA	Address: 500 12th St., Ste. 200
Lab Address: 885 Jarvis Dr.	Site ID No. 11104	Oakland, CA 94609-4014
P.O. Box 6549	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
Lab PM: Latonya Pelt	California Global ID #: T0600101651	Consultant/Contractor Project No.:
Tele/Fax: 408-776-9600 / 408-782-6308	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-874-1720 / 510-874-3268
Report Type & QC Level: Send EDF Reports	Address: P.O. Box 6549	Consultant/Contractor PM: Leonard Niles
BP/GEM Account No.:	Moraga, CA 94570	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
Lab Bottle Order No.:	Tele/Fax: 925-299-8891/925-299-8872	BP/GEM Work Release No.:

Item No.	Sample Description	Time	Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis						Sample Point Lat/Long and Comments	
			Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G / BTEX (8260)	TPH-D (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE (8260)	1,2-DCA & EDB (8260)		Ethanol (8260)
1	MW-1	1505		X			3						X							
2	RW-1	1515		X			3						X							
3	TRIP BLANK	-		X			2													ON HOLD +
4	Temp Blank	-		X			1													
5	w 8/15																			
6																				
7																				
8																				
9																				
10																				

Sampler's Name: <u>Mite McNamara</u>	Relinquished By / Affiliation: <u>[Signature] / B75</u>	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: <u>Blaine Tech Services</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No.:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes No _____ Temperature Blank Yes No _____ Cooler Temperature on Receipt _____ °F/C Trip Blank Yes No _____

BP GEM OIL COMPANY TYPE A BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY DILLARD ENVIRONMENTAL TO THE ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY IN LIVERMORE, CALIFORNIA.

The contractor performing this work is RLAINTECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is authorized by BP GEM OIL COMPANY to recover, collect, apportion into loads the Non-Hazardous Well Purgewater that is drawn from wells at the BP GEM Oil Company facility indicated below and deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of BP GEM Oil Company.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the BP GEM Oil Company facility described below:

11104

Station #

1716 Webster St., Alameda

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

53.5

added equip. ~~53.5~~ 6.5
rinse water

any other adjustments ~~0~~

TOTAL GALS. RECOVERED 60

loaded onto BTS vehicle # 22

BTS event #

time date
1330 8/14/03

030814-MH3

signature 

REC'D AT BTS

time date
1715 8/14/03

unloaded by 
signature

ATTACHMENT C

**LABORATORY PROCEDURES,
CERTIFIED ANALYTICAL REPORTS,
AND CHAIN-OF-CUSTODY RECORDS**

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by Group Environmental Management Company have been reviewed and verified by that laboratory.



**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

29 August, 2003

Leonard Niles
URS Corporation [Arco]
500 12th Street, Suite 200
Oakland, CA 94607

RE: BP Heritage #11104, Alameda, CA
Work Order: MMH0581

Enclosed are the results of analyses for samples received by the laboratory on 08/15/03 12:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210



URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

Project: BP Heritage #11104, Alameda, CA
Project Number: N/P
Project Manager: Leonard Niles

MMH0581
Reported:
08/29/03 12:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MMH0581-01	Water	08/14/03 15:05	08/15/03 12:07
RW-1	MMH0581-02	Water	08/14/03 15:15	08/15/03 12:07
Trip Blank	MMH0581-03	Water	08/14/03 00:00	08/15/03 12:07

There were no custody seals that were received with this project.

URS Corporation [Arco]
 500 12th Street, Suite 200
 Oakland CA, 94607

 Project: BP Heritage #11104, Alameda, CA
 Project Number: N/P
 Project Manager: Leonard Niles

 MMH0581
 Reported:
 08/29/03 12:44

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MMH0581-01) Water Sampled: 08/14/03 15:05 Received: 08/15/03 12:07									
Ethanol	ND	10000	ug/l	100	3H21001	08/21/03	08/22/03	EPA 8260B	O-12
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	"
Methyl tert-butyl ether	4500	50	"	"	"	"	"	"	"
Di-isopropyl ether	ND	50	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	"
tert-Amyl methyl ether	89	50	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	"
Benzene	210	50	"	"	"	"	"	"	"
Toluene	ND	50	"	"	"	"	"	"	"
Ethylbenzene	90	50	"	"	"	"	"	"	"
Xylenes (total)	200	50	"	"	"	"	"	"	"
Gasoline Range Organics (C6-C10)	5400	5000	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.8 %		78-129	"	"	"	"	"
RW-1 (MMH0581-02) Water Sampled: 08/14/03 15:15 Received: 08/15/03 12:07									
Ethanol	ND	1000	ug/l	10	3H21001	08/21/03	08/22/03	EPA 8260B	O-12
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	"
Methyl tert-butyl ether	490	5.0	"	"	"	"	"	"	"
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	"
tert-Amyl methyl ether	11	5.0	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"	"
Ethylbenzene	ND	5.0	"	"	"	"	"	"	"
Xylenes (total)	5.4	5.0	"	"	"	"	"	"	"
Gasoline Range Organics (C6-C10)	ND	500	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.2 %		78-129	"	"	"	"	"

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

URS Corporation [Arco]
 500 12th Street, Suite 200
 Oakland CA, 94607

 Project: BP Heritage #11104, Alameda, CA
 Project Number: N/P
 Project Manager: Leonard Niles

 MMH0581
 Reported:
 08/29/03 12:44

**Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3H21001 - EPA 5030B P/T
Blank (3H21001-BLK1)

Prepared & Analyzed: 08/21/03

Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							

Surrogate: 1,2-Dichloroethane-d4

4.43

"

5.00

88.6

78-129

Laboratory Control Sample (3H21001-BS1)

Prepared & Analyzed: 08/21/03

Methyl tert-butyl ether	7.82	0.50	ug/l	10.0		78.2	63-137
Benzene	9.27	0.50	"	10.0		92.7	78-124
Toluene	10.6	0.50	"	10.0		106	78-129

Surrogate: 1,2-Dichloroethane-d4

4.21

"

5.00

84.2

78-129

Laboratory Control Sample (3H21001-BS2)

Prepared & Analyzed: 08/21/03

Methyl tert-butyl ether	7.40	0.50	ug/l	9.92		74.6	63-137
Benzene	5.71	0.50	"	6.40		89.2	78-124
Toluene	33.9	0.50	"	29.7		114	78-129
Gasoline Range Organics (C6-C10)	416	50	"	440		94.5	70-113

Surrogate: 1,2-Dichloroethane-d4

4.49

"

5.00

89.8

78-129

URS Corporation [Arco]
 500 12th Street, Suite 200
 Oakland CA, 94607

 Project: BP Heritage #11104, Alameda, CA
 Project Number: N/P
 Project Manager: Leonard Niles

 MMH0581
 Reported:
 08/29/03 12:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3H21001 - EPA 5030B P/T
Matrix Spike (3H21001-MS1) Source: MMH0581-01 Prepared: 08/21/03 Analyzed: 08/22/03

Methyl tert-butyl ether	5310	50	ug/l	992	4500	81.7	63-137			
Benzene	756	50	"	640	210	85.3	78-124			
Toluene	3410	50	"	2970	24	114	78-129			
Gasoline Range Organics (C6-C10)	50300	5000	"	44000	5400	102	70-113			
Surrogate: 1,2-Dichloroethane-d4	4.84		"	5.00		96.8	78-129			

Matrix Spike Dup (3H21001-MSD1) Source: MMH0581-01 Prepared: 08/21/03 Analyzed: 08/22/03

Methyl tert-butyl ether	5200	50	ug/l	992	4500	70.6	63-137	2.09	13	
Benzene	735	50	"	640	210	82.0	78-124	2.82	12	
Toluene	3420	50	"	2970	24	114	78-129	0.293	10	
Gasoline Range Organics (C6-C10)	48800	5000	"	44000	5400	98.6	70-113	3.03	9	
Surrogate: 1,2-Dichloroethane-d4	4.73		"	5.00		94.6	78-129			



URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

Project: BP Heritage #11104, Alameda, CA
Project Number: N/P
Project Manager: Leonard Niles

MMH0581
Reported:
08/29/03 12:44

Notes and Definitions

- O-12 "The continuing calibration verification was outside of client contractual acceptance limits by 3.4% low. However, it was within method acceptance limits. The data should still be useful for its intended purpose."
- 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
- RPD Relative Percent Difference



Chain of Custody Record

MMH0581

Project Name: 030814-AM3
 BP BU/GEM CO Portfolio: _____
 BP Laboratory Contract Number: _____
 Requested Due Date (mm/dd/yy): standard

Date: 8/14/03

On-site Time: _____ Temp: _____
 Off-site Time: _____ Temp: _____
 Sky Conditions: _____
 Meteorological Events: _____
 Wind Speed: _____ Direction: _____

Send To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 1716 WEBSTER ST., ALAMEDA, CA	Address: 500 12th St., Ste. 200
Lab Address: 885 Jarvis Dr.	Site ID No. 11104	Oakland, CA 94609-4014
P.O. Box 6549	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
Lab PM: Latonya Pelt	California Global ID #: T0600101651	Consultant/Contractor Project No.:
Tele/Fax: 408-776-9600 / 408-762-6308	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-874-1720 / 510-874-3268
Report Type & QC Level: Send EDF Reports	Address: P.O. Box 6549	Consultant/Contractor PM: Leonard Niles
BP/GEM Account No.:	Moraga, CA 94570	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
Lab Bottle Order No.:	Tele/Fax: 925-299-8891/925-299-8872	BP/GEM Work Release No.:

Item No.	Sample Description	Time	Matrix				Laboratory No.	No. of containers	Preservatives			Requested Analysis						Sample Point Lat/Long and Comments		
			Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G / BTEX (801, 802, 8260)	TPH-D (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE (801, 802, 8260)		DIBP, TPA (8260)	1,2-DCA & EDB (8260)
1	MW-1	1505		X			01	3					X							
2	RW-1	1515		X			02	3					X							
3	TEMP blank	-	X				03	2												ON HOLD
4	Temp Blank	-	X					1												
5	u 8/15																			
6																				
7																				
8																				
9																				
10																				

Sampler's Name: <u>Mike McNamara</u>	Relinquished/Signature: <u>[Signature]</u>	Date: <u>8/15/03</u>	Time: <u>9:30</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>8/15/03</u>	Time: <u>9:30</u>
Sampler's Company: <u>Blaine Tech Services</u>	Relinquished/Signature: <u>[Signature]</u>	Date: <u>8/15/03</u>	Time: <u>12:07</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>8/15/03</u>	Time: <u>12:07</u>
Shipment Date: _____	Relinquished/Signature: _____	Date: _____	Time: _____	Accepted By / Affiliation: _____	Date: _____	Time: _____
Shipment Method: _____	Relinquished/Signature: _____	Date: _____	Time: _____	Accepted By / Affiliation: _____	Date: _____	Time: _____
Shipment Tracking No.: _____	Relinquished/Signature: _____	Date: _____	Time: _____	Accepted By / Affiliation: _____	Date: _____	Time: _____

Instructions: Address Invoice to BP/GEM but send to URS for approval

Seals in Place Yes No _____ Temperature Blank Yes No _____ Cooler Temperature on Receipt 6 °F/C Trip Blank Yes No _____

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: B.P.
 REC. BY (PRINT): [Signature]
 WORKORDER: MMH0581

DATE REC'D AT LAB: 8/15/03
 TIME REC'D AT LAB: 12:07
 DATE LOGGED IN: 8-18-03

Drinking water for regulatory purposes: YES NO
 Wastewater for regulatory purposes: YES NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact / Broken*	01		MW-1	(3) vials	HCL	L	8/14/03	/
	02		RW-1	↓	↓	↓		
2. Chain-of-Custody <input checked="" type="radio"/> Present <input type="radio"/> Absent*	03		Trip Blank	(2) vials	↓	↓	↓	
3. Traffic Reports or Packing List: Present <input type="radio"/> Absent <input checked="" type="radio"/>								
4. Airbill: Airbill / Sticker Present <input type="radio"/> Absent <input checked="" type="radio"/>								
5. Airbill #:								
6. Sample Labels: <input checked="" type="radio"/> Present <input type="radio"/> Absent								
7. Sample IDs: <input checked="" type="radio"/> Listed <input type="radio"/> Not Listed on Chain-of-Custody								
8. Sample Condition: <input checked="" type="radio"/> Intact <input type="radio"/> Broken* / Leaking*								
9. Does information on custody reports, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes <input type="radio"/> No*								
10. Sample received within hold time: <input checked="" type="radio"/> Yes <input type="radio"/> No*								
11. Proper Preservatives used: <input checked="" type="radio"/> Yes <input type="radio"/> No*								
12. Temp Rec. at Lab: Is temp $\pm 2^{\circ}\text{C}$? <u>6°C</u> <input checked="" type="radio"/> Yes <input type="radio"/> No**								
(Acceptance range for samples requiring thermal pres.) **Exception (if any): Metals / DFF (Discard From Field) or Problem COC								

***IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.**

ATTACHMENT D

**JOINT MONITORING DATA
CHEVRON SERVICE STATION #9-0290**

Well information for Chevron Site #9-0290

Well ID	TOC (Feet)	DTW (Feet)	GWE (Feet)
A-1	11.56	5.71	5.85
B-1	12.12	6.2	5.92
B-5	10.18	5.01	5.17
B-6	11.97	5.65	6.32
B-7	10.54	4.78	5.76
B-10	11.42	6.39	5.03
B-11	11.98	5.53	6.45
B-12	11.16	5.48	5.68
B-13	11.17	5.33	5.84
B-14	9.54	4.47	5.07
B-15	9.43	4.13	5.3

Notes

TOC = Top of casing
DTW = Depth to water
GWE =Groundwater Elevation



GETTLER-RYAN Inc.

GROUNDWATER MONITORING SUMMARY SHEET

CLIENT/
 FACILITY: ChevronTexaco #9-0290
 ADDRESS: 1802 Webster Street
 CITY: Alameda, CA

JOB #: 385280
 DATE: 8-14-03 (inclusive)
 SAMPLER: FT

Well ID	Total Well Depth	Depth to Water	Product Thickness (ft)	List Item IN Well	Additional Comments	
A-1	11.12	5.71	0		24.0	
B-1	16.08	6.20	 ↓		5.0	
B-5	18.17	5.01		7.0		
B-6	18.26	5.65		6.5		
B-7	13.25	4.78		4.0		
B-10	16.25	6.39		5.0		
B-11	14.99	5.53		5.0		
B-12	15.01	5.48		5.0		
B-13	13.87	5.33		4.0		
B-14	16.02	4.47		6.0		
B-15	14.18	4.13		2.0		
						73.5 TOTAL PUMPED

Comments _____

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310San Ramon CA 94583
925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425SAMPLE GROUP

The sample group for this submittal is 863523. Samples arrived at the laboratory on Saturday, August 16, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-030814	NA Water	4103512
A-1-W-030814	Grab Water	4103513
B-1-W-030814	Grab Water	4103514
B-5-W-030814	Grab Water	4103515
B-6-W-030814	Grab Water	4103516
B-7-W-030814	Grab Water	4103517
B-10-W-030814	Grab Water	4103518
B-11-W-030814	Grab Water	4103519
B-12-W-030814	Grab Water	4103520
B-13-W-030814	Grab Water	4103521
B-14-W-030814	Grab Water	4103522
B-15-W-030814	Grab Water	4103523

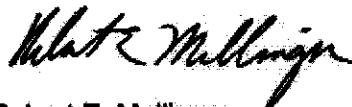
ELECTRONIC Gettler-Ryan
COPY TO
1 COPY TO Cambria C/O Gettler- Ryan

Attn: Cheryl Hansen

Attn: Deanna L. Harding

Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,



Robert E. Mellinger
Senior Chemist, Coordinator

Lancaster Laboratories Sample No. WW 4103512

Collected: 08/14/2003 00:00

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

QA-T-030814

NA

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 QA

WSAQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.		50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.							
06054	BTEX+MTBE by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 12:25	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/23/2003 17:42	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 12:25	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 17:42	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4103513

Collected: 08/14/2003 17:43 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

A-1-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 A-1

WSA-1

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	450.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	9,100.	120.	ug/l	5
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	270.	3.	ug/l	5
05401	Benzene	71-43-2	8.	0.5	ug/l	1
05407	Toluene	108-88-3	3.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	26.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 13:56	Martha L Seidel	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 16:40	Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 14:23	Elizabeth M Taylor	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 14:54	Elizabeth M Taylor	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 13:56	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 14:23	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/19/2003 03:45	David V Hershey Jr	1

Lancaster Laboratories Sample No. WW 4103513

Collected: 08/14/2003 17:43 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

A-1-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 A-1

WSA-1

Lancaster Laboratories Sample No. WW 4103514

Collected: 08/14/2003 13:42 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-1-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-1

WSA01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	650.	50.		ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02202	TPH-DRO CALUFT (Water) w/Si Gel	n.a.	1,300.	50.		ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	210.	3.		ug/l	5
05401	Benzene	71-43-2	4.	0.5		ug/l	1
05407	Toluene	108-88-3	0.9	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	0.7	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	2.	0.5		ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003	14:47	Martha L Seidel	1
02202	TPH-DRO CALUFT (Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003	07:59	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003	15:25	Elizabeth M Taylor	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003	15:55	Elizabeth M Taylor	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003	14:47	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003	15:25	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/19/2003	03:45	David V Hershey Jr	1

Lancaster Laboratories Sample No. WW 4103514

Collected: 08/14/2003 13:42 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-1-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-1

WSA01

Lancaster Laboratories Sample No. WW 4103515

Collected: 08/14/2003 15:43 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-5-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-5

WSA05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	320.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02202	TPH-DRO CALUFT (Water) w/Si Gel	n.a.	10,000.	120.	ug/l	5
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	1,000.	ug/l	20
02010	Methyl Tertiary Butyl Ether	1634-04-4	15,000.	100.	ug/l	200
05401	Benzene	71-43-2	N.D.	10.	ug/l	20
05407	Toluene	108-88-3	N.D.	10.	ug/l	20
05415	Ethylbenzene	100-41-4	N.D.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	N.D.	10.	ug/l	20
The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 15:17	Martha L Seidel	1
02202	TPH-DRO CALUFT (Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 17:02	Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 16:26	Elizabeth M Taylor	20
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 16:56	Elizabeth M Taylor	200
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 15:17	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 16:26	Elizabeth M Taylor	n.a.



Analysis Report

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Page 2 of 2

Lancaster Laboratories Sample No. WW 4103515

Collected: 08/14/2003 15:43 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-5-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-5

WSA05

02135 Extraction - DRO Water
Special

TPH by CA LUFT

1 08/19/2003 03:45 David V Hershey Jr 1

Lancaster Laboratories Sample No. WW 4103516

Collected: 08/14/2003 16:16 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:20

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-6-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-6

WSA06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	160.	Detection Limit 50.	ug/l	1
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02159	BTEX, MTBE					
02172	Methyl tert-Butyl Ether	1634-04-4	31,000.	250.	ug/l	100
Due to dilution of the sample made necessary by the high level of MTBE, normal reporting limits were not attained.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	2,500.	ug/l	50
The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/22/2003 01:11	Tracy A Cole	1
02159	BTEX, MTBE	SW-846 8021B	1	08/19/2003 08:10	Todd T Smythe	100
01594	BTEX+5	SW-846 8260B	1	08/23/2003 17:27	Elizabeth M Taylor	50
01146	Oxygenates+EDC+EDB+ETOH	SW-846 5030B	1	08/19/2003 08:10	Todd T Smythe	n.a.
01163	GC VOA Water Prep	SW-846 5030B	1	08/23/2003 17:27	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	2	08/20/2003 23:00	Felix C Arroyo	1

Lancaster Laboratories Sample No. WW 4103517

Collected: 08/14/2003 10:42 by FT

Account Number: 10904

 Submitted: 08/16/2003 10:00
 Reported: 09/09/2003 at 13:21
 Discard: 10/10/2003
 B-7-W-030814

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Grab Water

 Facility# 90290 Job# 385280 GRD
 1802 Webster St-Alameda T0600100307 B-7

WSA07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 15:48	Martha L Seidel	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 18:28	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 15:48	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 18:28	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4103518

Collected: 08/14/2003 12:22 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-10-W-030814

Grab Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-10

WSA10

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	As Received Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	230.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	38.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 16:18	Martha L Seidel	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 07:15	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/22/2003 18:41	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 16:18	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/22/2003 18:41	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/19/2003 03:45	David V Hershey Jr	1

Lancaster Laboratories Sample No. WW 4103519

Collected: 08/14/2003 16:53 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-11-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-11

WSA11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	840.	500.		ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	3,600.	240.		ug/l	10
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).						
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.	5,000.		ug/l	100
02010	Methyl Tertiary Butyl Ether	1634-04-4	88,000.	500.		ug/l	1000
05401	Benzene	71-43-2	N.D.	50.		ug/l	100
05407	Toluene	108-88-3	N.D.	50.		ug/l	100
05415	Ethylbenzene	100-41-4	N.D.	50.		ug/l	100
06310	Xylene (Total)	1330-20-7	N.D.	50.		ug/l	100
	Due to the level of methyl t-butyl ether, the reporting limit(s) for all GC/MS volatile compounds were raised.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/20/2003 16:49		Martha L Seidel	10
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 17:46		Tracy A Cole	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 20:37		Marla S Lord	100
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 21:03		Marla S Lord	1000
01146	GC VOA Water Prep	SW-846 5030B	1	08/20/2003 16:49		Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 20:37		Marla S Lord	n.a.

Lancaster Laboratories Sample No. WW 4103519

Collected: 08/14/2003 16:53 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-11-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-11

WSA11

02135 Extraction - DRO Water
Special

TPH by CA LUFT

1

08/19/2003 03:45

David V Hershey Jr

1

Analysis Report



2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. MW 4103520

Collected: 08/14/2003 15:00 by FT Account Number: 10904

Submitted: 08/16/2003 10:00
 Reported: 09/09/2003 at 13:21
 Discard: 10/10/2003
 B-12-W-030814 Grab Water San Ramon CA 94583

Facility# 90290 Job# 385280
 1802 Webster St-Alameda T0600100307 B-12 GRD

MSA12

CAT	No.	Analysis Name	CAS Number	Result	As Received	Method	Units	Dilution	Factor
01728		TPH-GRO - Waters	n.a.	2,000.	50.		ug/l	1	

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

According to the California LUFF Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).

Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

01587		Ethanol	64-17-5	N.D.	50.		ug/l	1	
02010		Methyl Tertiary Butyl Ether	1634-04-4	300.	1.		ug/l	2.5	

05401		Benzene	71-43-2	1.	0.5		ug/l	1	
05407		Toluene	108-88-3	0.7	0.5		ug/l	1	
05415		Ethylbenzene	100-41-4	0.9	0.5		ug/l	1	
06310		Xylene (Total)	1330-20-7	2.	0.5		ug/l	1	

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT	No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution	Factor
01728		TPH-GRO - Waters	N. CA LUFF Gasoline Method	1	08/20/2003 17:19	Martha L Seidel	1	
02202		TPH-DRO CALUFT(Water) w/Sl Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 08:43	Tracy A Cole	1	
01594		BTEX+5	SM-846 8260B	1	08/23/2003 21:29	Marla S Lord	1	
01594		Oxygenates+EDC+EDB+ETOH	SM-846 8260B	1	08/24/2003 23:07	Marc S Neal	2.5	
01146		GC VOA Water Prep	SM-846 5030B	1	08/20/2003 17:19	Martha L Seidel	n.a.	
01163		GC/MS VOA Water Prep	SM-846 5030B	1	08/23/2003 21:29	Marla S Lord	n.a.	
01163		GC/MS VOA Water Prep	SM-846 5030B	2	08/24/2003 23:07	Marc S Neal	n.a.	
02135		Extraction - DRO Water Special	TPH by CA LUFF	1	08/19/2003 03:45	David V Hershey Jr	1	

Lancaster Laboratories Sample No. WW 4103520

Collected: 08/14/2003 15:00 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-12-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-12

WSA12

Lancaster Laboratories Sample No. WW 4103521

Collected: 08/14/2003 13:01 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-13-W-030814

Grab Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-13

WSA13

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	610.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	1,200.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	300.	1.	ug/l	2.5
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/21/2003 08:48	Linda C Pape	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 17:24	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 21:55	Marla S Lord	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/24/2003 22:41	Marc S Neal	2.5
01146	GC VOA Water Prep	SW-846 5030B	1	08/21/2003 08:48	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/23/2003 21:55	Marla S Lord	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/24/2003 22:41	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/19/2003 03:45	David V Hershey Jr	1

Lancaster Laboratories Sample No. WW 4103521

Collected: 08/14/2003 13:01 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-13-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-13

WSA13

Lancaster Laboratories Sample No. WW 4103522

Collected: 08/14/2003 14:20 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-14-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-14

WSA14

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	As Received Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	N.D.	250.	ug/l	1
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1,100.	2.	ug/l	4
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/21/2003 04:44	Linda C Pape	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CALUFT-DRO/8015B, Modified	1	08/21/2003 07:37	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/23/2003 22:21	Marla S Lord	4
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/24/2003 22:15	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/21/2003 04:44	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/24/2003 22:15	Marc S Neal	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/23/2003 22:21	Marla S Lord	n.a.

Lancaster Laboratories Sample No. WW 4103522

Collected: 08/14/2003 14:20 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-14-W-030814

Grab

Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-14

WSA14

02135 Extraction - DRO Water
Special

TPH by CA LUFT

1

08/19/2003 03:45

David V Hershey Jr

1

Lancaster Laboratories Sample No. WW 4103523

Collected: 08/14/2003 18:30 by FT

Account Number: 10904

Submitted: 08/16/2003 10:00

ChevronTexaco

Reported: 09/09/2003 at 13:21

6001 Bollinger Canyon Rd L4310

Discard: 10/10/2003

B-15-W-030814

Grab Water

San Ramon CA 94583

Facility# 90290 Job# 385280

GRD

1802 Webster St-Alameda T0600100307 B-15

WSA15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.		ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.		ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05407	Toluene	108-88-3	N.D.	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5		ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/21/2003	05:14	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	08/20/2003	22:46	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/24/2003	21:49	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/21/2003	05:14	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/24/2003	21:49	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/18/2003	23:00	Felix C Arroyo	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/09/03 at 01:22 PM

Group Number: 863523

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 03227A15C Methyl tert-Butyl Ether	Sample number(s): 4103516 N.D.	2.5	ug/l	92		79-127		
Batch number: 032300009A TPH - DRO CA LUFT (Waters)	Sample number(s): 4103523 N.D.	50.	ug/l	66	84	61-126	23*	20
Batch number: 032300016A TPH-DRO CALUFT(Water) w/Si Gel	Sample number(s): 4103513-4103515,4103518-4103522 N.D.	50.	ug/l	76	96	61-126	23*	20
Batch number: 03231A16B TPH-GRO - Waters	Sample number(s): 4103512-4103515,4103517-4103520 N.D.	50.	ug/l	104	104	70-130	0	30
Batch number: 032320017A TPH-DRO CALUFT(Water) w/Si Gel	Sample number(s): 4103516 N.D.	25.	ug/l	75	83	61-126	10	20
Batch number: 03234A16A TPH-GRO - Waters	Sample number(s): 4103521-4103523 N.D.	50.	ug/l	104	111	70-130	6	30
Batch number: N032331AB Ethanol	Sample number(s): 4103518 N.D.	50.	ug/l	101		43-159		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		77-127		
Benzene	N.D.	0.5	ug/l	102		85-117		
Toluene	N.D.	0.5	ug/l	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	103		84-120		
Batch number: N032351AA Ethanol	Sample number(s): 4103519-4103522 N.D.	50.	ug/l	90		43-159		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105		77-127		
Benzene	N.D.	0.5	ug/l	101		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		84-120		
Batch number: N032351AB Ethanol	Sample number(s): 4103520-4103523 N.D.	50.	ug/l	90		43-159		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105		77-127		
Benzene	N.D.	0.5	ug/l	101		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		84-120		
Batch number: P032351AA Ethanol	Sample number(s): 4103513-4103517 N.D.	50.	ug/l	94		43-159		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	103		84-120		
Batch number: P032352AA Methyl Tertiary Butyl Ether	Sample number(s): 4103512 N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	ug/l	105		85-117		
Toluene	N.D.	0.5	ug/l	107		85-115		
Ethylbenzene	N.D.	0.5	ug/l	107		82-119		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/09/03 at 01:22 PM

Group Number: 863523

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Xylene (Total)	N.D.	0.5	ug/l	109		84-120		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 03227A15C Methyl tert-Butyl Ether	319*	316*	66-136	1	30				
Batch number: 03231A16B TPH-GRO - Waters	123		70-130						
Batch number: 03234A16A TPH-GRO - Waters	122		70-130						
Batch number: N032331AB Ethanol	86	93	34-163	8	30				
Methyl Tertiary Butyl Ether	101	105	69-134	4	30				
Benzene	106	109	83-128	3	30				
Toluene	104	105	83-127	1	30				
Ethylbenzene	107	108	82-134	0	30				
Xylene (Total)	109	110	82-130	1	30				
Batch number: N032351AA Ethanol	78	81	34-163	3	30				
Methyl Tertiary Butyl Ether	104	107	69-134	3	30				
Benzene	108	110	83-128	2	30				
Toluene	107	105	83-127	2	30				
Ethylbenzene	108	108	82-134	0	30				
Xylene (Total)	110	110	82-130	0	30				
Batch number: N032351AB Ethanol	78	81	34-163	3	30				
Methyl Tertiary Butyl Ether	104	107	69-134	3	30				
Benzene	108	110	83-128	2	30				
Toluene	107	105	83-127	2	30				
Ethylbenzene	108	108	82-134	0	30				
Xylene (Total)	110	110	82-130	0	30				
Batch number: P032351AA Ethanol	86	100	34-163	15	30				
Methyl Tertiary Butyl Ether	103	103	69-134	0	30				
Benzene	110	111	83-128	1	30				
Toluene	108	109	83-127	1	30				
Ethylbenzene	107	110	82-134	3	30				
Xylene (Total)	109	111	82-130	1	30				
Batch number: P032352AA Methyl Tertiary Butyl Ether	98	98	69-134	1	30				
Benzene	110	109	83-128	0	30				
Toluene	113	115	83-127	2	30				
Ethylbenzene	113	112	82-134	1	30				
Xylene (Total)	113	114	82-130	0	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/09/03 at 01:22 PM

Group Number: 863523

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>
								<u>RPD</u>
								<u>Max</u>

Surrogate Quality Control

Analysis Name: BTEX, MTBE
Batch number: 03227A15C
Trifluorotoluene-P

4103516	105
Blank	106
LCS	102
MS	118
MSD	118

Limits: 66-136

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 032300009A
Orthoterphenyl

4103523	86
Blank	85
LCS	86
LCSD	105

Limits: 59-139

Analysis Name: TPH-DRO CALUFT(Water) w/Si Gel
Batch number: 032300016A
Orthoterphenyl

4103513	114
4103514	89
4103515	103
4103518	95
4103519	109
4103520	97
4103521	98
4103522	96
Blank	95
LCS	108
LCSD	111

Limits: 59-139

Analysis Name: TPH-GRO - Waters
Batch number: 03231A16B
Trifluorotoluene-F

4103512	111
4103513	113
4103514	127
4103515	119

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/09/03 at 01:22 PM

Group Number: 863523

Surrogate Quality Control

4103517	109
4103518	110
4103519	109
4103520	142
Blank	112
LCS	115
LCSD	114
MS	116

Limits: 57-146

 Analysis Name: TPH-DRO CALUFT(Water) w/Si Gel
 Batch number: 032320017A
 Orthoterphenyl

4103516	95
Blank	90
LCS	101
LCSD	93

Limits: 59-139

 Analysis Name: TPH-GRO - Waters
 Batch number: 03234A16A
 Trifluorotoluene-F

4103521	123
4103522	111
4103523	109
Blank	110
LCS	122
LCSD	115
MS	117

Limits: 57-146

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
 Batch number: N032331AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4103518	99	91	97	90
Blank	99	94	96	92
LCS	95	95	98	96
MS	97	94	98	99
MSD	99	96	98	98

Limits: 81-120 82-112 85-112 83-113

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
 Batch number: N032351AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4103519	101	95	97	91
4103520	98	92	96	100
4103521	98	94	95	95
Blank	100	93	96	90
LCS	99	96	97	98
MS	99	93	97	98
MSD	99	96	97	98

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/09/03 at 01:22 PM

Group Number: 863523

Surrogate Quality Control

Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH				
Batch number: N032351AB				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4103522	100	91	94	91
4103523	100	93	96	91
Blank	99	93	96	91
LCS	99	96	97	98
MS	99	93	97	98
MSD	99	96	97	98
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH				
Batch number: P032351AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4103513	100	102	101	99
4103514	101	99	100	104
4103515	100	102	101	98
4103516	103	102	102	98
4103517	102	102	103	99
Blank	104	101	101	97
LCS	101	103	101	103
MS	103	109	103	103
MSD	102	103	103	106
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTRX+MTBE by 8260B				
Batch number: P032352AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4103512	93	93	99	88
Blank	91	89	99	90
LCS	90	90	101	96
MS	89	93	100	96
MSD	90	92	100	94
Limits:	81-120	82-112	85-112	83-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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ATTACHMENT E

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

09/09/03

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	BP Heritage #11104, Alame
Work Order Number:	MMH0581
Global ID:	T0600101651
Lab Report Number:	MMH0581082920031244

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotct	Run	Sub
MMH05810829200 MW-1 31244		MMH058101	W	CS	8260FAB	SW5030B	08/14/03	08/21/03	08/22/03	3H21001	1	
MMH05810829200 RW-1 31244		MMH058102	W	CS	8260FAB	SW5030B	08/14/03	08/21/03	08/22/03	3H21001	1	
		3H21001BS1	WQ	BS1	8260FAB	SW5030B	//	08/21/03	08/21/03	3H21001	1	
		3H21001BS2	WQ	BS2	8260FAB	SW5030B	//	08/21/03	08/21/03	3H21001	1	
		3H21001BLK1	WQ	LB1	8260FAB	SW5030B	//	08/21/03	08/21/03	3H21001	1	
		3H21001MS1	W	MS1	8260FAB	SW5030B	//	08/21/03	08/22/03	3H21001	1	
		3H21001MSD1	W	SD1	8260FAB	SW5030B	//	08/21/03	08/22/03	3H21001	1	

EDFSAMP: Error Summary Log

09/09/03

Error type	Logcode	Projname	Npdlwo	Sampled	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

09/09/03

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					//	0

EDFRES: Error Summary Log

09/09/03

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	3H21001MS1	MS1	W	8260FAB	PR	08/22/03	1	DCA12D4
Warning: extra parameter	3H21001MS1	MS1	W	8260FAB	PR	08/22/03	1	GROC6C10
Warning: extra parameter	3H21001MSD1	SD1	W	8260FAB	PR	08/22/03	1	DCA12D4
Warning: extra parameter	3H21001MSD1	SD1	W	8260FAB	PR	08/22/03	1	GROC6C10
Warning: extra parameter	MMH058101	CS	W	8260FAB	PR	08/22/03	1	DCA12D4
Warning: extra parameter	MMH058101	CS	W	8260FAB	PR	08/22/03	1	GROC6C10
Warning: extra parameter	MMH058102	CS	W	8260FAB	PR	08/22/03	1	DCA12D4
Warning: extra parameter	MMH058102	CS	W	8260FAB	PR	08/22/03	1	GROC6C10
Warning: extra parameter	3H21001BLK1	LB1	WQ	8260FAB	PR	08/21/03	1	DCA12D4
Warning: extra parameter	3H21001BLK1	LB1	WQ	8260FAB	PR	08/21/03	1	GROC6C10
Warning: extra parameter	3H21001BS1	BS1	WQ	8260FAB	PR	08/21/03	1	DCA12D4
Warning: extra parameter	3H21001BS2	BS2	WQ	8260FAB	PR	08/21/03	1	DCA12D4
Warning: extra parameter	3H21001BS2	BS2	WQ	8260FAB	PR	08/21/03	1	GROC6C10

EDFQC: Error Summary Log

09/09/03

Error type	Lablotctf	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

09/09/03

Error type	Cirevdate	Anmcode	Exmcode	Parlabel	Cicode
There are no errors in this data file	//				

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UPLOADING A GEO_WELL FILE

**Processing is complete. No errors were found!
Your file has been successfully submitted!**

Submittal Title: Third Quarter 03 Geowell for site #11104

Submittal Date/Time: 9/9/2003 1:11:39 PM

Confirmation Number: 5780216813

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Your EDF file has been successfully uploaded!

Confirmation Number: 5767441451

Date/Time of Submittal: 9/9/2003 1:13:04 PM

Facility Global ID: T0600101651

Facility Name: BP

Submittal Title: Third Quarter 03 Ground Water Monitoring Site #11104

Submittal Type: GW Monitoring Report

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