Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

30 October 2007

Re: Third Quarter 2007 Ground-Water Monitoring Report
Atlantic Richfield Company Station #374
6407 Telegraph Avenue
Oakland, California
ACEH Case # RO0000078

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct."

Submitted by:

Paul Supple
Environmental Business Manger

Third Quarter 2007 Ground-Water Monitoring Report
Atlantic Richfield Company Station #374
6407 Telegraph Avenue
Oakland, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

30 October 2007

Project No. 06-08-602

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
Voice (530) 566-1400
Fax (530) 566-1401

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

30 October 2007

Project No. 06-08-602

Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Third Quarter 2007 Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #374, 6407 Telegraph Avenue, Oakland, Alameda County, California. ACEH Case #RO0000078

Dear Mr. Supple:

Attached is the *Third Quarter 2007 Ground-Water Monitoring Report* for Atlantic Richfield Company Station #374 (herein referred to as Station #374) located at 6407 Telegraph Avenue, Oakland, California (Property). This report presents results of ground-water monitoring conducted during the Third Quarter of 2007.

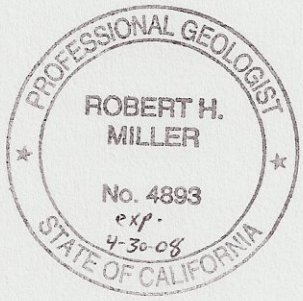
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

Robert H. Miller, P.G., C.HG.
Principal Hydrogeologist



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

STATION #374 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #374 Address:	6407 Telegraph Avenue, Oakland, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-08-602
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case #RO0000078
Facility Permits/Permitting Agency:	NA

WORK PERFORMED THIS QUARTER (Third Quarter 2007):

1. Prepared and submitted Second Quarter 2007 Ground-Water Monitoring Report.
2. Conducted ground-water monitoring/sampling for Third Quarter 2007. Work performed on 8 August 2007 by Stratus Environmental, Inc (Stratus).

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2007):

1. Prepared and submitted this Third Quarter 2007 Ground-Water Monitoring Report (contained herein).
2. Conduct quarterly ground-water monitoring/sampling for Fourth Quarter 2007.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-water monitoring/sampling**
Frequency of ground-water monitoring:	**Quarterly: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6**
Frequency of ground-water sampling:	**Quarterly: MW-1** **Semi-Annually (1Q and 3Q): MW-2 and MW-4** **Annually (3Q): MW-3, MW-5, and MW-6**
Is free product (FP) present on-site:	**No**
Current remediation techniques:	**NA**
Depth to ground water (below TOC):	**5.51 ft (MW-6) to 8.60 ft (MW-4)**
General ground-water flow direction:	**Southwest**
Approximate hydraulic gradient:	**0.03 ft/ft**

DISCUSSION:

Third quarter 2007 ground-water monitoring and sampling was conducted at Station #374 on 8 August 2007 by Stratus. Water levels were gauged in the six wells at the Site. No irregularities were noted in the field during this quarter's water level gauging. Depth to water measurements ranged from 5.51 ft at MW-6 to 8.60 ft at MW-4. Resulting ground-water surface elevations ranged from 156.40 ft above mean sea level in well MW-1 to 143.21 ft at well MW-5. Water level elevations were between historic minimum and maximum ranges for each well. Historic water level elevation data is summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient to the southwest at approximately 0.03 ft/ft, consistent with historical data reported in Table 3. Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground-water and respective ground-water elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Consistent with the current ground-water sampling schedule, water samples were collected from wells MW-1 through MW-6 at the Site. No irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (GRO, C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether (DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. The laboratory noted that the GRO concentration detected in well MW-1 was partly due to an individual peak(s) in the quantitative range. No other significant irregularities were noted during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

Concentrations of GRO were detected above the laboratory reporting limits in three of the six wells sampled at concentrations up to 2,900 micrograms per liter (µg/L) in well MW-4. Benzene was detected above the laboratory reporting limit in two of the six wells sampled at concentrations up to 630 µg/L in well MW-4. Toluene was detected above the laboratory reporting limit in well MW-4 at a concentration of 22 µg/L, but not in the other wells sampled. Ethylbenzene was detected above the laboratory reporting limit in well MW-4 at a concentration of 67 µg/L, but not in the other wells sampled. Total xylenes were detected above the laboratory reporting limit in well MW-4 at a concentration of 57 µg/L, but not in the other wells sampled. MTBE was detected above the laboratory reporting limit in five of the six wells sampled at concentrations up to 110 µg/L in well MW-1. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the six wells sampled this quarter.

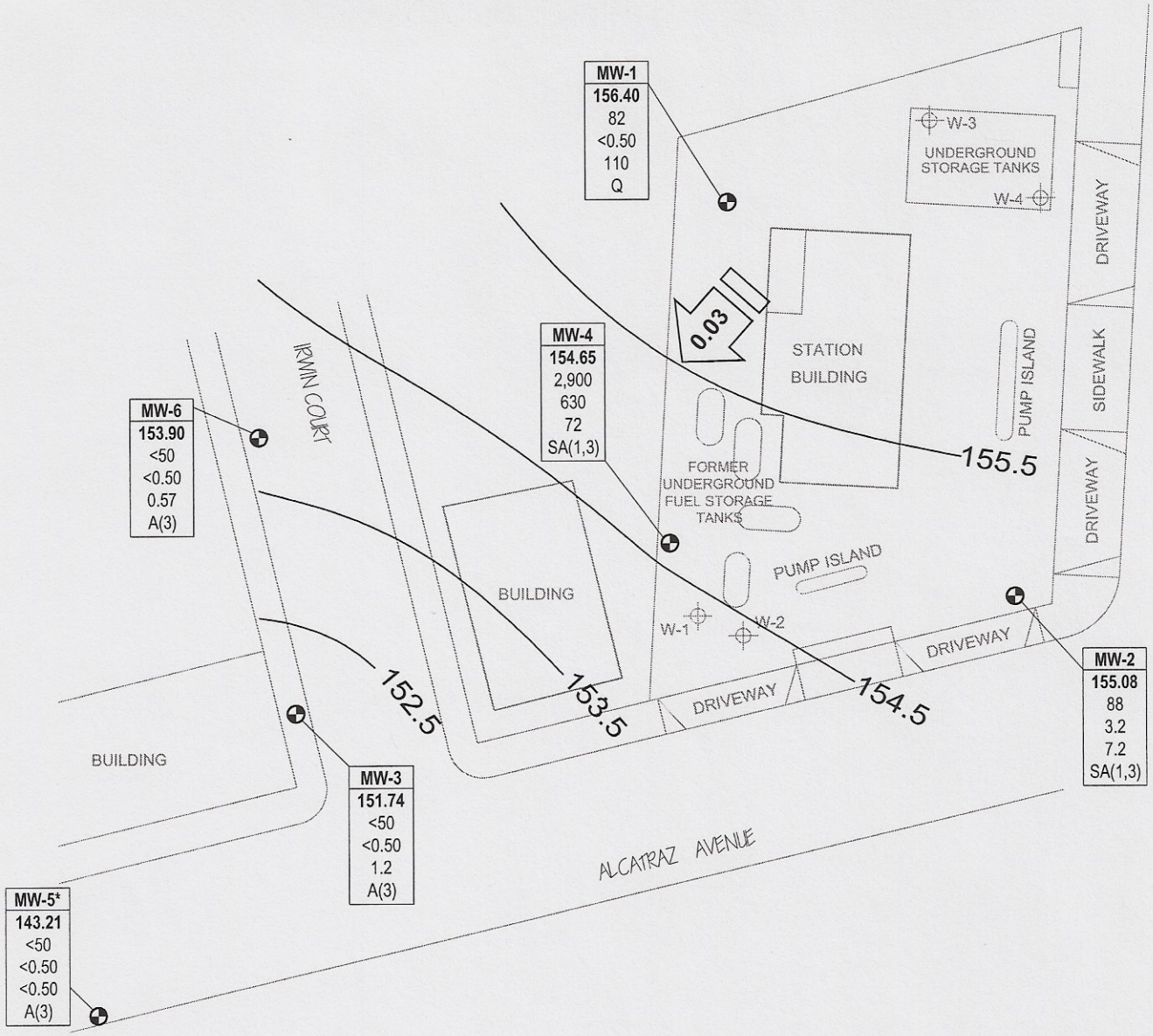
Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well with the following exceptions: GRO reached an historic maximum concentration of 88 µg/L in well MW-2; Benzene reached an historic maximum concentration of 3.2 µg/l in well MW-2; and MTBE reached historic minimum concentrations of 110 µg/L in well MW-1, 1.2 µg/L in well MW-3, and 0.57 µg/L in well MW-6. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

CLOSURE:

The findings presented in this report are based upon: observations of Stratus field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America (Morgan Hill, California). Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

Drawing 1. Ground-Water Elevation Contours and Analytical Summary Map, 8 August 2007, Station #374, 6407 Telegraph Avenue, Oakland, California



LEGEND

- MONITORING WELL
- TANK PIT MONITORING WELL
- Well — WELL DESIGNATION
- ELEV — GROUND-WATER ELEVATION (FT MSL)
- GRO / Benzene / MTBE — GRO, BENZENE & MTBE CONCENTRATIONS IN GROUND WATER (µg/L)
- A/Q/SA — SAMPLING FREQUENCY
- < — NOT DETECTED AT OR ABOVE LABORATORY LIMITS
- Q — SAMPLED QUARTERLY
- SA(1,3) — SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- A(3) — SAMPLED ANNUALLY, 3RD QUARTER
- NS — NOT SAMPLED
- 0.03 — APPROXIMATE GROUND-WATER FLOW AND DIRECTION (FT/FT)
- —155.5 — GROUND-WATER ELEVATION CONTOUR (FT MSL)
- * — Elevation not used for contours

N

0 40 80

SCALE (ft)

NOTE: SITE MAP ADAPTED FROM IT CORPORATION FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California
Project No.: 06-08-602 Date: 9/19/07

Station #374
6407 Telegraph Ave.
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
8 August 2007

Drawing 1

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-1															
6/20/2000	--		158.91	7.00	**27.0**	6.86	152.05	--	--	--	--	--	--	--	--
9/28/2000	--		158.91	7.00	**27.0**	7.50	151.41	--	--	--	--	--	--	--	--
12/17/2000	--		158.91	7.00	**27.0**	7.49	151.42	--	--	--	--	--	--	--	--
3/23/2001	--		158.91	7.00	**27.0**	5.90	153.01	<50	<0.5	<0.5	<0.5	<0.5	2,710	--	--
6/21/2001	--		158.91	7.00	**27.0**	7.45	151.46	--	--	--	--	--	--	--	--
9/23/2001	--		158.91	7.00	**27.0**	8.46	150.45	--	--	--	--	--	--	--	--
12/31/2001	--		158.91	7.00	**27.0**	5.50	153.41	--	--	--	--	--	--	--	--
3/21/2002	--		158.91	7.00	**27.0**	4.71	154.20	<5,000	<50	<50	<50	<50	2,000	--	--
4/17/2002	--		158.91	7.00	**27.0**	5.54	153.37	--	--	--	--	--	--	--	--
8/12/2002	--		158.91	7.00	**27.0**	7.77	151.14	--	--	--	--	--	--	--	--
12/6/2002	--		158.91	7.00	**27.0**	7.65	151.26	--	--	--	--	--	--	--	--
1/29/2003	--	b	158.91	7.00	**27.0**	5.88	153.03	--	--	--	--	--	--	--	--
5/23/2003	--		158.91	7.00	**27.0**	5.62	153.29	<10,000	<100	<100	<100	<100	1,600	1.3	7.1
9/4/2003	--		158.91	7.00	**27.0**	7.85	151.06	--	--	--	--	--	--	--	--
11/20/2003	P		158.91	7.00	27.0	8.17	150.74	1,600	<10	<10	<10	<10	1,500	1.7	6.7
02/02/2004	P	f	164.57	7.00	27.0	6.71	157.86	--	--	--	--	--	--	1.0	--
05/14/2004	P		164.57	7.00	27.0	7.08	157.49	<2,500	<25	<25	<25	<25	1,200	1.4	6.6
09/02/2004	P		164.57	7.00	27.0	8.12	156.45	580	<5.0	<5.0	<5.0	<5.0	660	3.8	6.7
11/04/2004	P		164.57	7.00	27.0	7.38	157.19	1,700	<10	<10	<10	<10	580	6.0	6.5
02/08/2005	P		164.57	7.00	27.0	6.60	157.97	<1,000	<10	<10	<10	<10	610	0.71	6.5
05/09/2005	P	e	164.57	7.00	27.0	6.84	157.73	540	<5.0	<5.0	<5.0	5.5	620	3.12	6.6
08/11/2005	P		164.57	7.00	27.0	7.36	157.21	540	<2.5	<2.5	<2.5	4.0	390	0.8	6.6
11/18/2005	P	e	164.57	7.00	27.0	8.02	156.55	350	<2.5	<2.5	<2.5	<2.5	340	2.6	6.7
02/16/2006	P	e	164.57	7.00	27.0	6.44	158.13	350	<2.5	<2.5	<2.5	<2.5	340	1.6	6.7
5/30/2006	P		164.57	7.00	**27.0**	6.87	157.70	270	<2.5	<2.5	<2.5	<2.5	420	4.73	6.4
8/24/2006	P		164.57	7.00	27.0	7.75	156.82	95	<5.0	<5.0	<5.0	<5.0	180	0.65	6.9
11/1/2006	P		164.57	7.00	27.0	8.28	156.29	120	<5.0	<5.0	<5.0	<5.0	220	1.65	7.07
2/7/2007	NP	e	164.57	7.00	27.0	7.40	157.17	120	<5.0	<5.0	<5.0	<5.0	190	1.88	7.45
5/8/2007	P		164.57	7.00	27.0	6.50	158.07	<500	<5.0	<5.0	<5.0	<5.0	420	1.21	6.94
8/8/2007	**NP**	**e**	**164.57**	**7.00**	**27.0**	**8.17**	**156.40**	**82**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**110**	**1.16**	**7.00**

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-2															
6/20/2000	--		157.92	7.00	**27.0**	7.67	150.25	--	--	--	--	--	--	--	--
9/28/2000	--		157.92	7.00	**27.0**	8.51	149.41	--	--	--	--	--	--	--	--
12/17/2000	--		157.92	7.00	**27.0**	8.14	149.78	--	--	--	--	--	--	--	--
3/23/2001	--		157.92	7.00	**27.0**	7.21	150.71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
6/21/2001	--		157.92	7.00	**27.0**	7.99	149.93	--	--	--	--	--	--	--	--
9/23/2001	--		157.92	7.00	**27.0**	8.52	149.40	--	--	--	--	--	--	--	--
12/31/2001	--		157.92	7.00	**27.0**	6.01	151.91	--	--	--	--	--	--	--	--
3/21/2002	--		157.92	7.00	**27.0**	5.95	151.97	<50	<0.5	<0.5	<0.5	<0.5	45	--	--
4/17/2002	--		157.92	7.00	**27.0**	6.45	151.47	--	--	--	--	--	--	--	--
8/12/2002	--		157.92	7.00	**27.0**	8.08	149.84	--	--	--	--	--	--	--	--
12/6/2002	--		157.92	7.00	**27.0**	8.29	149.63	--	--	--	--	--	--	--	--
1/29/2003	--	b	157.92	7.00	**27.0**	7.22	150.70	--	--	--	--	--	--	--	--
5/23/2003	--		157.92	7.00	**27.0**	6.85	151.07	<50	<0.50	<0.50	<0.50	<0.50	55	1.4	7.2
9/4/2003	--		157.92	7.00	**27.0**	7.94	149.98	--	--	--	--	--	--	--	--
11/20/2003	--		157.92	7.00	27.0	8.05	149.87	--	--	--	--	--	--	--	--
02/02/2004	P	f	163.46	7.00	27.0	7.00	156.46	74	<0.50	<0.50	<0.50	<0.50	37	1.1	8.9
05/14/2004	--		163.46	7.00	27.0	7.97	155.49	--	--	--	--	--	--	--	--
09/02/2004	P		163.46	7.00	27.0	8.19	155.27	<250	<2.5	<2.5	<2.5	<2.5	67	2.7	6.9
11/04/2004	--		163.46	7.00	27.0	7.54	155.92	--	--	--	--	--	--	--	--
02/08/2005	P		163.46	7.00	27.0	6.72	156.74	<50	<0.50	<0.50	<0.50	<0.50	30	0.86	6.7
05/09/2005	--		163.46	7.00	27.0	7.16	156.30	--	--	--	--	--	--	--	--
08/11/2005	P		163.46	7.00	27.0	7.85	155.61	<50	<0.50	<0.50	<0.50	<0.50	35	1.0	6.6
11/18/2005	--		163.46	7.00	27.0	8.23	155.23	--	--	--	--	--	--	--	--
02/16/2006	P		163.46	7.00	27.0	6.82	156.64	<50	<0.50	<0.50	<0.50	<0.50	39	1.3	7.0
5/30/2006	--		163.46	7.00	**27.0**	7.23	156.23	--	--	--	--	--	--	--	--
8/24/2006	P		163.46	7.00	27.0	8.00	155.46	60	<0.50	<0.50	<0.50	<0.50	25	0.90	6.8
11/1/2006	--		163.46	7.00	27.0	8.38	155.08	--	--	--	--	--	--	--	--
2/7/2007	NP		163.46	7.00	27.0	7.88	155.58	<50	0.50	<0.50	<0.50	<0.50	7.2	0.94	7.39
5/8/2007	--		163.46	7.00	27.0	7.28	156.18	--	--	--	--	--	--	--	--
8/8/2007	**NP**		**163.46**	**7.00**	**27.0**	**8.38**	**155.08**	**88**	**3.2**	**<0.50**	**<0.50**	**<0.50**	**7.2**	**0.94**	**7.75**

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-3															
6/20/2000	--		153.64	7.00	**27.0**	6.42	147.22	<50	<0.5	<0.5	<0.5	<1.0	<10	--	--
9/28/2000	--		153.64	7.00	**27.0**	7.31	146.33	--	--	--	--	--	--	--	--
12/17/2000	--		153.64	7.00	**27.0**	6.45	147.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
3/23/2001	--		153.64	7.00	**27.0**	6.01	147.63	--	--	--	--	--	--	--	--
6/21/2001	--		153.64	7.00	**27.0**	6.80	146.84	110	5.5	<0.5	5.4	4.1	2.5	--	--
9/23/2001	--		153.64	7.00	**27.0**	7.32	146.32	--	--	--	--	--	--	--	--
12/31/2001	--		153.64	7.00	**27.0**	4.48	149.16	<50	<0.5	<0.5	<0.5	<0.5	4.9	--	--
3/21/2002	--		153.64	7.00	**27.0**	4.36	149.28	--	--	--	--	--	--	--	--
4/17/2002	--		153.64	7.00	**27.0**	5.31	148.33	<50	<0.5	<0.5	<0.5	<0.5	8.7	--	--
8/12/2002	--		153.64	7.00	**27.0**	7.00	146.64	--	--	--	--	--	--	--	--
12/6/2002	--		153.64	7.00	**27.0**	7.32	146.32	<50	<0.5	<0.5	<0.5	<0.5	6.2	1.4	6.7
1/29/2003	--	b	153.64	7.00	**27.0**	6.07	147.57	--	--	--	--	--	--	--	--
5/23/2003	--		153.64	7.00	**27.0**	6.45	147.19	<50	<0.50	<0.50	<0.50	<0.50	1.6	0.9	7.7
9/4/2003	--	c	153.64	7.00	**27.0**	6.93	146.71	--	--	--	--	--	--	--	--
11/20/2003	--	c	153.64	7.00	27.0	7.04	146.60	--	--	--	--	--	--	--	--
02/02/2004	--	f	159.21	7.00	27.0	5.92	153.29	--	--	--	--	--	--	--	--
05/14/2004	--		159.21	7.00	27.0	7.52	151.69	--	--	--	--	--	--	--	--
09/02/2004	P		159.21	7.00	27.0	7.19	152.02	<50	<0.50	<0.50	<0.50	<0.50	6.5	9.3	8.9
11/04/2004	--		159.21	7.00	27.0	6.40	152.81	--	--	--	--	--	--	--	--
02/08/2005	--		159.21	7.00	27.0	6.01	153.20	--	--	--	--	--	--	--	--
05/09/2005	--		159.21	7.00	27.0	6.74	152.47	--	--	--	--	--	--	--	--
08/11/2005	P		159.21	7.00	27.0	6.77	152.44	<50	<0.50	<0.50	<0.50	<0.50	11	1.9	6.5
11/18/2005	--		159.21	7.00	27.0	7.83	151.38	--	--	--	--	--	--	--	--
02/16/2006	--		159.21	7.00	27.0	7.26	151.95	--	--	--	--	--	--	--	--
5/30/2006	--		159.21	7.00	**27.0**	5.82	153.39	--	--	--	--	--	--	--	--
8/24/2006	P		159.21	7.00	27.0	7.00	152.21	<50	<0.50	<0.50	<0.50	<0.50	7.6	1.15	6.4
11/1/2006	--		159.21	7.00	27.0	7.50	151.71	--	--	--	--	--	--	--	--
2/7/2007	--		159.21	7.00	27.0	6.90	152.31	--	--	--	--	--	--	--	--
5/8/2007	--		159.21	7.00	27.0	5.95	153.26	--	--	--	--	--	--	--	--
8/8/2007	**NP**		**159.21**	**7.00**	**27.0**	**7.47**	**151.74**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.2**	**1.21**	**6.93**

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-4															
6/20/2000	--	c	156.53	7.00	**27.0**	7.50	149.03	20,000	5,100	440	1,000	1,700	<250	--	--
9/28/2000	--		156.53	7.00	**27.0**	8.20	148.33	--	--	--	--	--	--	--	--
12/17/2000	--		156.53	7.00	**27.0**	8.11	148.42	4,320	1,240	<20	27.2	249	<100	--	--
3/23/2001	--		156.53	7.00	**27.0**	6.69	149.84	--	--	--	--	--	--	--	--
6/21/2001	--		156.53	7.00	**27.0**	8.01	148.52	2,800	470	16	19	160	130	--	--
9/23/2001	--		156.53	7.00	**27.0**	8.91	147.62	--	--	--	--	--	--	--	--
12/31/2001	--		156.53	7.00	**27.0**	4.42	152.11	4,600	1,500	100	160	210	160	--	--
3/21/2002	--		156.53	7.00	**27.0**	4.98	151.55	--	--	--	--	--	--	--	--
4/17/2002	--		156.53	7.00	**27.0**	6.23	150.30	7,100	2,200	110	290	450	<250	--	--
8/12/2002	--		156.53	7.00	**27.0**	8.24	148.29	--	--	--	--	--	--	--	--
12/6/2002	--	a	156.53	7.00	**27.0**	8.42	148.11	1,500	410	6.8	20	29	43	1.1	6.7
1/29/2003	--	b	156.53	7.00	**27.0**	7.20	149.33	--	--	--	--	--	--	--	--
5/23/2003	--		156.53	7.00	**27.0**	7.18	149.35	<5,000	1,300	89	210	260	<50	1.4	6.9
9/4/2003	--	c	156.53	7.00	**27.0**	8.15	148.38	--	--	--	--	--	--	--	--
11/20/2003	--	c	156.53	7.00	27.0	8.73	147.80	--	--	--	--	--	--	--	--
02/02/2004	P	c, f, g	163.25	7.00	27.0	6.25	157.00	980	280	21	29	38	29	1.4	10.6
05/14/2004	--	g	163.25	7.00	27.0	8.38	154.87	--	--	--	--	--	--	--	--
09/02/2004	P	g	163.25	7.00	27.0	8.36	154.89	260	11	<1.0	5.5	14	28	2.4	7.4
11/04/2004	--	c, g	163.25	7.00	27.0	7.71	155.54	--	--	--	--	--	--	--	--
02/08/2005	P	g	163.25	7.00	27.0	6.27	156.98	7,500	1,700	320	480	920	45	0.65	6.5
05/09/2005	--	g	163.25	7.00	27.0	5.90	157.35	--	--	--	--	--	--	--	--
08/11/2005	P	g	163.25	7.00	27.0	7.96	155.29	3,100	1,100	41	160	110	32	0.6	6.5
11/18/2005	--	g	163.25	7.00	27.0	8.57	154.68	--	--	--	--	--	--	--	--
02/16/2006	P	g	163.25	7.00	27.0	6.28	156.97	9,400	1,800	130	600	420	35	0.5	6.8
5/30/2006	--	g	163.25	7.00	**27.0**	7.02	156.23	--	--	--	--	--	--	--	--
8/24/2006	P	g	162.47	7.00	27.0	8.26	154.21	3,600	1,400	21	110	70	39	1.00	6.8
11/1/2006	--		163.25	7.00	27.0	8.67	154.58	--	--	--	--	--	--	--	--
2/7/2007	NP		163.25	7.00	27.0	8.02	155.23	3,100	570	17	170	110	67	0.95	7.07
5/8/2007	--		163.25	7.00	27.0	7.03	156.22	--	--	--	--	--	--	--	--
8/8/2007	**NP**		**163.25**	**7.00**	**27.0**	**8.60**	**154.65**	**2,900**	**630**	**22**	**67**	**57**	**72**	**0.93**	**6.79**

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-5															
6/20/2000	--		151.33	10.00	**23.0**	7.84	143.49	<50	<0.5	<0.5	<0.5	<1.0	<10	--	--
9/28/2000	--		151.33	10.00	**23.0**	8.37	142.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/17/2000	--		151.33	10.00	**23.0**	8.36	142.97	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
3/23/2001	--		151.33	10.00	**23.0**	7.55	143.78	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
6/21/2001	--		151.33	10.00	**23.0**	8.20	143.13	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
9/23/2001	--		151.33	10.00	**23.0**	8.68	142.65	<50	<0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
12/31/2001	--		151.33	10.00	**23.0**	7.57	143.76	<50	<0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
3/21/2002	--		151.33	10.00	**23.0**	6.12	145.21	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--
4/17/2002	--		151.33	10.00	**23.0**	6.61	144.72	<50	<0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
8/12/2002	--		151.33	10.00	**23.0**	8.14	143.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5	4.1	7.6
12/6/2002	--		151.33	10.00	**23.0**	8.65	142.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	1.1	6.8
1/29/2003	--	b	151.33	10.00	**23.0**	7.22	144.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1	6.6
5/23/2003	--		151.33	10.00	**23.0**	7.31	144.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.6
9/4/2003	--		151.33	10.00	**23.0**	9.50	141.83	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	6.7
11/20/2003	--		151.33	10.00	23.0	8.31	143.02	--	--	--	--	--	--	--	--
02/02/2004	--	c, f, h	151.33	10.00	23.0	6.92	144.41	--	--	--	--	--	--	--	--
05/14/2004	--	h	151.33	10.00	23.0	8.56	142.77	--	--	--	--	--	--	--	--
09/02/2004	P	h	151.33	10.00	23.0	8.79	142.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	6.8
11/04/2004	--	c, h	151.33	10.00	23.0	8.33	143.00	--	--	--	--	--	--	--	--
02/08/2005	--	h	151.33	10.00	23.0	7.28	144.05	--	--	--	--	--	--	--	--
05/09/2005	--	h	151.33	10.00	23.0	8.19	143.14	--	--	--	--	--	--	--	--
08/11/2005	P	h	151.33	10.00	23.0	8.39	142.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.6
11/18/2005	--	h	151.33	10.00	23.0	11.25	140.08	--	--	--	--	--	--	--	--
02/16/2006	--	h	151.33	10.00	23.0	9.22	142.11	--	--	--	--	--	--	--	--
5/30/2006	--	h	151.33	10.00	**23.0**	7.52	143.81	--	--	--	--	--	--	--	--
8/24/2006	P	h	--	10.00	23.0	7.95	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.60	6.6
11/1/2006	--		151.33	10.00	23.0	8.32	143.01	--	--	--	--	--	--	--	--
2/7/2007	--		151.33	10.00	23.0	8.25	143.08	--	--	--	--	--	--	--	--
5/8/2007	--		151.33	10.00	23.0	7.60	143.73	--	--	--	--	--	--	--	--
8/8/2007	**P**		**151.33**	**10.00**	**23.0**	**8.12**	**143.21**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.26**	**7.31**

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-6															
6/20/2000	--		153.84	5.00	**15.0**	4.79	149.05	--	--	--	--	--	--	--	--
9/28/2000	--		153.84	5.00	**15.0**	5.39	148.45	--	--	--	--	--	--	--	--
12/17/2000	--		153.84	5.00	**15.0**	4.71	149.13	--	--	--	--	--	--	--	--
3/23/2001	--		153.84	5.00	**15.0**	4.69	149.15	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	--	--
6/21/2001	--		153.84	5.00	**15.0**	5.22	148.62	--	--	--	--	--	--	--	--
9/23/2001	--		153.84	5.00	**15.0**	5.40	148.44	--	--	--	--	--	--	--	--
12/31/2001	--		153.84	5.00	**15.0**	3.95	149.89	--	--	--	--	--	--	--	--
3/21/2002	--		153.84	5.00	**15.0**	2.94	150.90	<50	<0.5	<0.5	<0.5	<0.5	5.2	--	--
4/17/2002	--		153.84	5.00	**15.0**	5.11	148.73	--	--	--	--	--	--	--	--
8/12/2002	--		153.84	5.00	**15.0**	5.23	148.61	--	--	--	--	--	--	--	--
12/6/2002	--		153.84	5.00	**15.0**	5.29	148.55	--	--	--	--	--	--	--	--
1/29/2003	--	b	153.84	5.00	**15.0**	4.79	149.05	--	--	--	--	--	--	--	--
5/23/2003	--		153.84	5.00	**15.0**	4.31	149.53	<50	<0.50	<0.50	<0.50	<0.50	9.4	1	6.7
09/04/03	--	d	153.84	5.00	**15.0**	--	--	--	--	--	--	--	--	--	--
11/20/2003	--		153.84	5.00	15.0	6.31	147.53	--	--	--	--	--	--	--	--
02/02/2004	--		159.41	5.00	15.0	4.78	154.63	--	--	--	--	--	--	--	--
05/14/2004	--		159.41	5.00	15.0	6.29	153.12	--	--	--	--	--	--	--	--
09/02/2004	--	d	159.41	5.00	15.0	5.79	153.62	--	--	--	--	--	--	--	--
11/04/2004	--	d	159.41	5.00	15.0	--	--	--	--	--	--	--	--	--	--
02/08/2005	--		159.41	5.00	15.0	5.13	154.28	--	--	--	--	--	--	--	--
05/09/2005	--		159.41	5.00	15.0	4.52	154.89	--	--	--	--	--	--	--	--
08/11/2005	P		159.41	5.00	15.0	5.02	154.39	<50	<0.50	<0.50	<0.50	<0.50	7.9	2.1	6.6
11/18/2005	--		159.41	5.00	15.0	6.31	153.10	--	--	--	--	--	--	--	--
02/16/2006	--		159.41	5.00	15.0	4.24	155.17	--	--	--	--	--	--	--	--
5/30/2006	--		159.41	5.00	**15.0**	4.45	154.96	--	--	--	--	--	--	--	--
8/24/2006	P		159.41	5.00	15.0	5.18	154.23	<50	<0.50	<0.50	<0.50	<0.50	12	3.4	6.8
11/1/2006	--		159.41	5.00	15.0	6.05	153.36	--	--	--	--	--	--	--	--
2/7/2007	--		159.41	5.00	15.0	5.00	154.41	--	--	--	--	--	--	--	--
5/8/2007	--		159.41	5.00	15.0	4.30	155.11	--	--	--	--	--	--	--	--
8/8/2007	**NP**		**159.41**	**5.00**	**15.0**	**5.51**	**153.90**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.57**	**2.94**	**6.87**

SYMBOLS AND ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether
NP = Well was not purged prior to sampling
P = Well was purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter
BTEX = Benzene, toluene, ethylbenzene and xylenes

FOOTNOTES:
a = Chromatogram pattern: Gasoline C6-C10 for GRO/TPH-g.
b = Beginning this quarter, groundwater samples were analyzed by EPA method 8260B for TPH-g, BTEX, and fuel oxygenates.
c = Wells gauged with ORC sock in well.
d = Well inaccessible
e = The hydrocarbon result for GRO was partly due to individual peaks in the quantitative range.
f = Well resurveyed on 1/27/2004
g = Upon review of survey data (1/27/2004), TOC elevation for MW-4 is actually 162.47 ft.
h = Upon review of survey data (1/27/2004), MW-5 was not surveyed from the TOC. MW-5 was surveyed from the pavement due to inaccessibility to the TOC. Therefore, survey data for MW-5 from the TOC is unavailable.

NOTES:
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for DO and pH were obtained through field measurements.

The DTW's and TOC's for wells MW-5 and MW-6 were taken from Delta Environmental sampling sheets because the well logs were not available.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
5/23/2003	<20,000	<4,000	1,600	<100	<100	<100	--	--	
11/20/2003	<2,000	<400	1,500	<10	<10	<10	--	--	a
05/14/2004	<5,000	<1,000	1,200	<25	<25	<25	<25	<25	
09/02/2004	<1,000	<200	660	<5.0	<5.0	<5.0	<5.0	<5.0	
11/04/2004	<2,000	<400	580	<10	<10	<10	<10	<10	
02/08/2005	<2,000	<400	610	<10	<10	<10	<10	<10	
05/09/2005	<1,000	<200	620	<5.0	<5.0	<5.0	<5.0	<5.0	a
08/11/2005	<500	250	390	<2.5	<2.5	2.6	<2.5	<2.5	a
11/18/2005	<500	<100	340	<2.5	<2.5	<2.5	<2.5	<2.5	a
02/16/2006	<1,500	<100	340	<2.5	<2.5	<2.5	<2.5	<2.5	
5/30/2006	<1,500	<100	420	<2.5	<2.5	<2.5	<2.5	<2.5	a
8/24/2006	<3,000	<200	180	<5.0	<5.0	<5.0	<5.0	<5.0	
11/1/2006	<3,000	<200	220	<5.0	<5.0	<5.0	<5.0	<5.0	a
2/7/2007	<3,000	<200	190	<5.0	<5.0	<5.0	<5.0	<5.0	
5/8/2007	<3,000	<200	420	<5.0	<5.0	<5.0	<5.0	<5.0	
8/8/2007	**<300**	**<20**	**110**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-2									
5/23/2003	<100	<20	55	<0.50	<0.50	0.53	--	--	
02/02/2004	<100	<20	37	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<500	<100	67	<2.5	<2.5	<2.5	<2.5	<2.5	
02/08/2005	<100	<20	30	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	a
02/16/2006	<300	<20	39	<0.50	<0.50	<0.50	<0.50	<0.50	
8/24/2006	<300	<20	25	<0.50	<0.50	<0.50	<0.50	<0.50	
2/7/2007	<300	<20	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	
8/8/2007	**<300**	**<20**	**7.2**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-3									
5/23/2003	<100	<20	1.6	<0.50	<0.50	<0.50	--	--	
09/02/2004	<100	<20	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	11	<0.50	<0.50	<0.50	<0.50	<0.50	a

Table 2. Summary of Fuel Additives Analytical Data

Station #374, 6407 Telegraph Ave., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
8/24/2006	<300	<20	7.6	<0.50	<0.50	<0.50	<0.50	<0.50	
8/8/2007	**<300**	**<20**	**1.2**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-4									
5/23/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	
02/02/2004	<500	<100	29	<2.5	<2.5	2.6	<2.5	<2.5	
09/02/2004	<200	<40	28	<1.0	<1.0	<1.0	<1.0	<1.0	
02/08/2005	<5,000	<1,000	45	<25	<25	<25	<25	<25	
08/11/2005	<2,000	<400	32	<10	<10	<10	<10	<10	
02/16/2006	<6,000	<400	35	<10	<10	<10	<10	<10	
8/24/2006	<1,500	<100	39	<2.5	<2.5	<2.5	<2.5	<2.5	
2/7/2007	<6,000	<400	67	<10	<10	<10	<10	<10	
8/8/2007	**<6,000**	**<400**	**72**	**<10**	**<10**	**<10**	**<10**	**<10**	
MW-5									
1/29/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	--	--	
5/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/02/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/11/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/24/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/8/2007	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-6									
5/23/2003	<100	<20	9.4	<0.50	<0.50	<0.50	--	--	
08/11/2005	<100	<20	7.9	<0.50	<0.50	<0.50	<0.50	<0.50	a
8/24/2006	<300	<20	12	<0.50	<0.50	<0.50	<0.50	<0.50	
8/8/2007	**<300**	**<20**	**0.57**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

SYMBOLS AND ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above the laboratory reporting limi
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
µg/L = Micrograms per Liter

FOOTNOTES:
a = The continuing calibration verification for ethanol was outside of client contractual limits, however, it was within method acceptance limits. The data should still be useful for its intended purpose.

NOTES:
All volatile organic compounds analyzed using EPA Method 8260B.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient

Station #374, 6407 Telegraph Ave., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
1/31/1996	Southwest	0.04
4/10/1996	Southwest	0.04
7/16/1996	Southwest	0.03
10/14/1996	Southwest	0.03
3/27/1997	Southwest	0.04
5/27/1997	Southwest	0.03
8/12/1997	Southwest	0.04
11/17/1997	Southwest	0.03
3/16/1998	Southwest	0.03
5/12/1998	Southwest	0.04
7/27/1998	Southwest	0.04
10/15/1998	Southwest	0.02
2/18/1999	Southwest	0.05
5/24/1999	Southwest	0.03
8/27/1999	Southwest	0.03
10/26/1999	Southwest	0.03
2/3/2000	Southwest	0.047
6/20/2000	Southwest	0.035
9/28/2000	Southwest	0.034
12/17/2000	Southwest	0.032
3/23/2001	Southwest	0.034
6/21/2001	Southwest	0.032
9/23/2001	Southwest	0.029
12/31/2001	Southwest	0.043
3/21/2002	Southwest	0.038
4/17/2002	Southwest	0.031
8/12/2002	Southwest	0.032
12/6/2002	Southwest	0.020
1/29/2003	Southwest	0.027
5/23/2003	Southwest	0.039
9/4/2003	Southwest	0.033
11/20/2003	Southwest	0.029
2/2/2004	Southwest	0.043 (a)
5/14/2004	Southwest	0.037 (a)
9/2/2004	Southwest	0.027 (a)
11/4/2004	Southwest	0.034 (a)
2/8/2005	Southwest	0.061 (a)
5/9/2005	Southwest	0.08 (a)
8/11/2005	Southwest	0.06 (a)
11/18/2005	Southwest	0.07 (a)
2/16/2006	Southwest	0.09 (a)
5/30/2006	Southwest	0.06 (a)

Table 3. Historical Ground-Water Flow Direction and Gradient

Station #374, 6407 Telegraph Ave., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
8/24/2006	Southwest	0.03
11/1/2006	Southwest	0.02
2/7/2007	Southwest	0.03
5/8/2007	Southwest	0.03
8/8/2007	**Southwest**	**0.03**

a = Gradients protentially suspect due to error in MW-4 and MW-5 TOC measuring point elevations discovered third quarter 2006.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

APPENDIX A

STRATUS GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORT
WITH CHAIN-OF-CUSTODY DOCUMENTATION)

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

September 6, 2007

Mr. Rob Miller
Broadbent & Associates, Inc.
2000 Kirman Avenue
Reno, NV 89502

Re: Groundwater Sampling Data Package, BP Service Station No. 374, located at 6407 Telegraph Avenue, Oakland, California

General Information

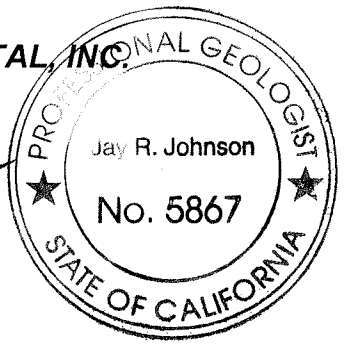
Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales

Sampling Date: August 8, 2007
Arrival: 06:15 *Departure:* 08:45
Weather Conditions: Overcast
Unusual Field Conditions: None
Scope of Work Performed: Quarterly monitoring and sampling
Variations from Work Scope: None noted

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, non-hazardous waste data form, chain of custody documentation, and certified analytical results. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Jay R. Johnson, P.G.
Project Manager

Attachments:

- Field Data Sheets
- Non-Hazardous Waste Data Form
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

AP-675 DPeng

Gauge Date: 8.8.07

Project Name: *Oakland - 6407 Telegraph Ave.*

Field Technician: Jerry

Project Number: *374*

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter
ELEV = Groundwater Elevation
DUP = Duplicate

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION (w/bailer)	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV			
MW-1	6:51			8.17	26.55					
MW-2	6:46			8.18	26.15					
MW-3	6:32			7.97	26.65					
MW-4	6:42			8.60	26.80					
MW-5	6:25			9.12	22.95					
MW-6	6:35			5.51	19.45					

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: [illegible] WELL I.D.: MW-1

CLIENT NAME: _____ SAMPLED BY: [illegible] SAMPLE I.D.: MW-1

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES: _____

DATE PURGED [illegible] START (2400hr) 8:21 END (2400hr) 8:23

DATE SAMPLED [illegible] SAMPLE TIME (2400hr) 8:22

SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" x 5" _____ 6" _____ 8" _____ Other _____ ( )

Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60)

DEPTH TO BOTTOM (feet) = 26.55 CASING VOLUME (gal) = 12.3

DEPTH TO WATER (feet) = 8.17 CALCULATED PURGE (gal) = 36.9

WATER COLUMN HEIGHT (feet) = 18.3 ACTUAL PURGE (gal) = NP - 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9.8.9	8:23	3	18.7	7.04	5.00	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 8.17 SAMPLE TURBIDITY: Clear

80% RECHARGE: x YES ___ NO ANALYSES: SW-0

ODOR: N SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated _____

Other: _____

Pump Depth: _____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
x Bailer (___ PVC or x disposable)
___ Bailer (Stainless Steel)
___ Dedicated _____

Other: _____

WELL INTEGRITY: Good LOCK#: Master

REMARKS: D.O. 1.16

SIGNATURE: [signature]

Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: [illegible] WELL I.D.: MW-2

CLIENT NAME: SAMPLED BY: [illegible] SAMPLE I.D.: MW-2

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES:

DATE PURGED 8.8.07 START (2400hr) 8:01 END (2400hr) 8:07

DATE SAMPLED 8.8.07 SAMPLE TIME (2400hr) 8:02

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER:	2"	3"	4"	5"	6"	8"	Other
Casing Volume: (gallons per foot)	(0.17)	(0.38)	(0.67)	(1.02)	(1.50)	(2.60)	( )

DEPTH TO BOTTOM (feet) = 20.15 CASING VOLUME (gal) = 11.2

DEPTH TO WATER (feet) = 8.38 CALCULATED PURGE (gal) = 33.7

WATER COLUMN HEIGHT (feet) = 11.7 ACTUAL PURGE (gal) = NP-0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.8.07	7:03	D	22.1	578	7.15	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 8.38 SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ____ NO ANALYSES: 8260

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl

PURGING EQUIPMENT

____ Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Peristaltic Pump
____ Bailer (Teflon)
____ Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated ____

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

____ Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Peristaltic Pump
____ Bailer (Teflon)
x Bailer (____ PVC or x disposable)
____ Bailer (Stainless Steel)
____ Dedicated ____

Other: ____

WELL INTEGRITY: good LOCK#: [illegible]

REMARKS: D.O. 0.71

SIGNATURE: [signature]

Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: [illegible] WELL I.D.: [illegible]

CLIENT NAME: _____ SAMPLED BY: [illegible] SAMPLE I.D.: [illegible]

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES: _____

DATE PURGED 2.7.07 START (2400hr) 7:20 END (2400hr) 7:22

DATE SAMPLED 2.7.07 SAMPLE TIME (2400hr) 7:27

SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" x 5" _____ 6" _____ 8" _____ Other _____

Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 26.65 CASING VOLUME (gal) = [illegible]

DEPTH TO WATER (feet) = [illegible] CALCULATED PURGE (gal) = [illegible]

WATER COLUMN HEIGHT (feet) = [illegible] ACTUAL PURGE (gal) = NP 0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
2.8.07	7:22	D	18.5	SR	6.93	clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: [illegible] SAMPLE TURBIDITY: Clear

80% RECHARGE: ____ YES ____ NO ANALYSES: 8260

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl

PURGING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)
____ Centrifugal Pump ____ Bailer (PVC)
____ Submersible Pump ____ Bailer (Stainless Steel)
____ Peristalic Pump ____ Dedicated _____
Other: _____
Pump Depth: 0

SAMPLING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)
____ Centrifugal Pump x Bailer (____ PVC or x disposable)
____ Submersible Pump ____ Bailer (Stainless Steel)
____ Peristalic Pump ____ Dedicated _____
Other: _____

WELL INTEGRITY: Good LOCK#: MISC

REMARKS: Do Not

SIGNATURE: [signature] Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: JC WELL I.D.: MW-4

CLIENT NAME: _____ SAMPLED BY: JC SAMPLE I.D.: MW-4

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES: _____

DATE PURGED 8-8-07 START (2400hr) 5:44 END (2400hr) 5:56

DATE SAMPLED 8-8-07 SAMPLE TIME (2400hr) 5:45

SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" x 5" _____ 6" _____ 8" _____ Other _____

Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 26.80 CASING VOLUME (gal) = 17.4

DEPTH TO WATER (feet) = 8.60 CALCULATED PURGE (gal) = 26.1

WATER COLUMN HEIGHT (feet) = 18.2 ACTUAL PURGE (gal) = N.P.D.

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
7-8-07	5:46	0	62.1	777	6.89	clear	
						"	
						"	
						"	
						"	
						"	
						"	
						"	
						"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 8.60 SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ___ NO ANALYSES: 5-W-O

ODOR: none SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	x Bailer (___ PVC or x disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated _____	___ Peristalic Pump	___ Dedicated _____
Other: _____		Other: _____	
Pump Depth: 0			

WELL INTEGRITY: Good LOCK#: Master

REMARKS: PO.0.7C

SIGNATURE: _____ Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: JG WELL I.D.: MW-5

CLIENT NAME: SAMPLED BY: JG SAMPLE I.D.: MW-5

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES:

DATE PURGED 8-9-07 START (2400hr) 7:00 END (2400hr) 7:06

DATE SAMPLED 8-9-07 SAMPLE TIME (2400hr) 7:12

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" 1 (0.17) 3" ____ (0.38) 4" X (0.67) 5" ____ (1.02) 6" ____ (1.50) 8" ____ (2.60) Other ____ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 27.95 CASING VOLUME (gal) = 9.9

DEPTH TO WATER (feet) = 8.12 CALCULATED PURGE (gal) = 29.7

WATER COLUMN HEIGHT (feet) = 19.8 ACTUAL PURGE (gal) = 30.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-8-07	702	10	19.5	556	7.23	clear	
"	704	20	20.5	559	7.52		
"	706	30		562	7.57		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.43 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ____ NO ANALYSES: 5-W-O

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCL

PURGING EQUIPMENT

____ Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Peristalic Pump
____ Bailer (Teflon)
____ Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated ____

Other: ____

Pump Depth: 20

SAMPLING EQUIPMENT

____ Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Peristalic Pump
____ Bailer (Teflon)
X Bailer (____ PVC or X disposable)
____ Bailer (Stainless Steel)
____ Dedicated ____

Other: ____

WELL INTEGRITY: ____ LOCK#: Master

REMARKS: DO 5.26

SIGNATURE: [signature] Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 374 PURGED BY: JC WELL I.D.: MW-6

CLIENT NAME: SAMPLED BY: E SAMPLE I.D.: MW-6

LOCATION: Oakland - 6407 Telegraph Ave. QA SAMPLES:

DATE PURGED 8-8-07 START (2400hr) 3:28 END (2400hr) 3:51

DATE SAMPLED 8-8-07 SAMPLE TIME (2400hr) 7:30

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" ____ 3" ____ 4" X 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 14.45 CASING VOLUME (gal) = 5.2

DEPTH TO WATER (feet) = 5.51 CALCULATED PURGE (gal) = 15.6

WATER COLUMN HEIGHT (feet) = 8.9 ACTUAL PURGE (gal) = NP 5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-8-07	7:30	5	70.0	5.20	6.87	Clear	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.51 SAMPLE TURBIDITY: Clear

80% RECHARGE: ____ YES ____ NO ANALYSES: 5-W-D

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 6 Voa-Hcl

PURGING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump ____ Bailer (PVC)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristalic Pump ____ Dedicated ____

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump X Bailer (____ PVC or X disposable)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristalic Pump ____ Dedicated ____

Other: ____

WELL INTEGRITY: Good LOCK#: MA351

REMARKS: DO 2.78

SIGNATURE: [signature] Page ____ of ____

Wellhead Observation Form

Account: _____

Sampled by: Jerry Date: 8-8-07

Well ID	Box in good condition	Lock Missing (Replaced with new)	Water in Box	Bolts Missing	Bolts Stripped	Bolt-Holes Stripped	Cracked or Broken Lid	Cracked Box and/or Bolt - Holes	Misc.	Add'l -- Notes and Other Stuff
MW-1	Y	N	N	N	N	N	N	N		
MW-2	Y	N	N	N	N	N	N	N		
MW-3	Y	N	N	N	N	N	N	N		
MW-4	Y	N	N	N	N	N	N	N		
MW-5	Y	N	N	N	N	N	N	N		
MW-6	Y	N	N	N	N	N	N	N		

NO. 652254

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

SITE:

NAME BP WEST COAST PRODUCTS LLC ARCO # 374

EPA I.D. NO. NOT REQUIRED

ADDRESS P.O. BOX 80249
RANCHO SANTA MARGARITA

PROFILE NO

CITY, STATE, ZIP CA 92688

PHONE NO. ( )

CONTAINERS: No. VOLUME 2 / 6-yd WEIGHT

TYPE: ☐ TANK TRUCK ☐ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION NON-HAZARDOUS WATER GENERATING PROCESS WELL PURGING/DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	5.		
2. TPH		<1%	6.		
3.			7. BESI#		
4.			8.		

PROPERTIES: 7-10 ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Hoothart BESI for BP — 8-9-07

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

Transporter #1 Transporter #2

NAME STRATUS ENVIRONMENTAL

EPA I.D. NO.

ADDRESS 3330 CAMERON PARK DRIVE STE 550

SERVICE ORDER NO.

CITY, STATE, ZIP CAMERON PARK CA 95682

PICK UP DATE

PHONE NO. 530-676-6004

Steve Cortese — 8-9-07

TRUCK, UNIT, I.D. NO. — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME SEAPORT REFINING & ENVIRONMENTAL, LLC

EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 700 SEAPORT BLVD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP REDWOOD CITY, CA 94063

PHONE NO. 650-364-1024

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/Q		RTC/D	HW/DF NONE

DISCREPANCY

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 374
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>374
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time:	615	Temp:	60
Off-site Time:	845	Temp:	63
Sky Conditions:	OVERCAST		
Meteorological Events:	NONE		
Wind Speed:	0	Direction:	0

Lab Name:	TestAmerica	BP/AR Facility No.:	374
Address:	885 Jarvis Drive	BP/AR Facility Address:	6407 Telegraph Ave., Oakland
	Morgan Hill, CA 95937	Site Lat/Long:	
Lab PM:	Lisa Race	California Global ID #:	T0600100106
Tele/Fax:	408-782-8156 408-782-6308 (fax)	Enfos Project No.:	G0C21-0015
BP/AR PM Contact:	Paul Supple	Provision or RCOP (circle one)	Provision
Address:	2010 Crow Canyon Place, Suite 150	Phase/WBS:	04-Monitoring
	San Ramon, CA	Sub Phase/Task:	03-Analytical
Tele/Fax:	925-275-3506	Cost Element:	01-Contractor labor

Consultant/Contractor:	Stratus Environmental, Inc.		
Address:	3330 Cameron Park Drive, Suite 550		
	Cameron Park, CA 95682		
Consultant/Contractor Project No.:	E374-04		
Consultant/Contractor PM:	Jay Johnson		
Tele/Fax:	(530) 676-6000 / (530) 676-6005		
Report Type & QC Level:	Level 1 with EDF		
E-mail EDD To:	shayes@stratusinc.net		
Invoice to:	Atlantic Richfield Co		

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: Ethanol	Requested Analysis: EDB	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	822	8/9/07		X			3				X		X	X	X	X		
2	MW-2	802	"		X			3				X		X	X	X	X		
3	MW-3	724			X			3				X		X	X	X	X		
4	MW-4	745			X			3				X		X	X	X	X		
5	MW-5	712			X			3				X		X	X	X	X		
6	MW-6	730			X			6				X		X	X	X	X		
7	TB 374	500			X			2				X		X	X	X	X		HOLD
8																			
9																			
10																			

Sampler's Name:	Jorge Gonzales	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Dan10's ENV		8/10/07	1500		8/10/07	1530
Shipment Date:							
Shipment Method:							
Shipment Tracking No:							

Special Instructions: Please cc results to: rmiller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TestAmerica
ANALYTICAL TESTING CORPORATION

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

27 August, 2007

Jay Johnson
Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park, CA 95682

RE: ARCO #0374, Oakland, CA
Work Order: MQH0365

Enclosed are the results of analyses for samples received by the laboratory on 08/10/07 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MQH0365-01	Water	08/08/07 08:22	08/10/07 19:40
MW-2	MQH0365-02	Water	08/08/07 08:02	08/10/07 19:40
MW-3	MQH0365-03	Water	08/08/07 07:21	08/10/07 19:40
MW-4	MQH0365-04	Water	08/08/07 07:45	08/10/07 19:40
MW-5	MQH0365-05	Water	08/08/07 07:12	08/10/07 19:40
MW-6	MQH0365-06	Water	08/08/07 07:30	08/10/07 19:40
TB 374	MQH0365-07	Water	08/08/07 05:00	08/10/07 19:40

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with no custody seals.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQH0365-01) Water Sampled: 08/08/07 08:22 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	**82**	50	ug/l	1	7H17004	08/17/07	08/17/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	
MW-2 (MQH0365-02) Water Sampled: 08/08/07 08:02 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	**88**	50	ug/l	1	7H16010	08/16/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-135*		"	"	"	"	
MW-3 (MQH0365-03) Water Sampled: 08/08/07 07:21 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H16010	08/16/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
MW-4 (MQH0365-04) Water Sampled: 08/08/07 07:45 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	**2900**	1000	ug/l	20	7H16010	08/16/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*90 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*89 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*93 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MQH0365-05) Water Sampled: 08/08/07 07:12 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H16010	08/16/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*92 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88 %*	*60-135*		"	"	"	"	
MW-6 (MQH0365-06) Water Sampled: 08/08/07 07:30 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H16010	08/16/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*92 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*	*60-135*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQH0365-01) Water Sampled: 08/08/07 08:22 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H17004	08/17/07	08/17/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**110**	0.50	"	"	"	"	"	"	BB
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	
MW-2 (MQH0365-02) Water Sampled: 08/08/07 08:02 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H16010	08/16/07	08/16/07	EPA 8260B	
Benzene	**3.2**	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.2**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-135*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MQH0365-03) Water Sampled: 08/08/07 07:21 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H16010	08/16/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.2**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
MW-4 (MQH0365-04) Water Sampled: 08/08/07 07:45 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	10	ug/l	20	7H16010	08/16/07	08/16/07	EPA 8260B	
Benzene	**630**	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	6000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	**67**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**72**	10	"	"	"	"	"	"	
Toluene	**22**	10	"	"	"	"	"	"	
Xylenes (total)	**57**	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*89 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*93 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MQH0365-05) Water Sampled: 08/08/07 07:12 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H16010	08/16/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*		*75-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*60-125*	"	"	"	"	
Surrogate: Toluene-d8		*92 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88 %*		*60-135*	"	"	"	"	
MW-6 (MQH0365-06) Water Sampled: 08/08/07 07:30 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H16010	08/16/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.57**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*		*75-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*		*60-125*	"	"	"	"	
Surrogate: Toluene-d8		*92 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*		*60-135*	"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H16010 - EPA 5030B P/T / LUFT GCMS										
Blank (7H16010-BLK1)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.28*		"	*2.50*		*91*	*60-125*			
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93*	*75-120*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.42*		"	*2.50*		*97*	*60-135*			
Laboratory Control Sample (7H16010-BS2)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	485	50	ug/l	500		97	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.32*		"	*2.50*		*93*	*60-125*			
Surrogate: Dibromofluoromethane	*2.28*		"	*2.50*		*91*	*75-120*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample Dup (7H16010-BSD2)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	497	50	ug/l	500		99	65-120	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.30*		"	*2.50*		*92*	*60-125*			
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-120*			
Surrogate: Toluene-d8	*2.51*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.57*		"	*2.50*		*103*	*60-135*			
Batch 7H17004 - EPA 5030B P/T / LUFT GCMS										
Blank (7H17004-BLK1)				Prepared & Analyzed: 08/17/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.45*		"	*2.50*		*98*	*60-125*			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-120*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.21*		"	*2.50*		*88*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H17004 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (7H17004-BS2)				Prepared & Analyzed: 08/17/07						
Gasoline Range Organics (C4-C12)	433	50	ug/l	500		87	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Dibromofluoromethane	*2.35*		"	*2.50*		*94*	*75-120*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample Dup (7H17004-BSD2)				Prepared & Analyzed: 08/17/07						
Gasoline Range Organics (C4-C12)	499	50	ug/l	500		100	65-120	14	20	
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Dibromofluoromethane	*2.34*		"	*2.50*		*94*	*75-120*			
Surrogate: Toluene-d8	*2.46*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H16010 - EPA 5030B P/T / EPA 8260B										
Blank (7H16010-BLK1)				Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.28*		"	*2.50*		*91*	*60-125*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.42*		"	*2.50*		*97*	*60-135*			
Laboratory Control Sample (7H16010-BS1)				Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	9.40	0.50	ug/l	10.0		94	65-135			
Benzene	9.21	0.50	"	10.0		92	75-120			
tert-Butyl alcohol	179	20	"	200		89	60-135			
Di-isopropyl ether	9.20	0.50	"	10.0		92	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	70-135			
1,2-Dichloroethane	9.26	0.50	"	10.0		93	70-125			
Ethanol	169	300	"	200		84	15-150			
Ethyl tert-butyl ether	9.28	0.50	"	10.0		93	65-130			
Ethylbenzene	9.90	0.50	"	10.0		99	75-120			
Methyl tert-butyl ether	9.29	0.50	"	10.0		93	50-140			
Toluene	9.50	0.50	"	10.0		95	75-120			
Xylenes (total)	30.4	0.50	"	30.0		101	75-130			
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		"	*2.50*		*93*	*60-125*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H16010 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H16010-MS1)	**Source: MQH0365-02**			Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	9.66	0.50	ug/l	10.0	ND	97	65-135			
Benzene	12.6	0.50	"	10.0	3.17	94	75-120			
tert-Butyl alcohol	185	20	"	200	ND	93	60-135			
Di-isopropyl ether	9.21	0.50	"	10.0	ND	92	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	"	10.0	ND	104	70-135			
1,2-Dichloroethane	9.40	0.50	"	10.0	ND	94	70-125			
Ethanol	113	300	"	200	ND	57	15-150			
Ethyl tert-butyl ether	9.41	0.50	"	10.0	ND	94	65-130			
Ethylbenzene	10.2	0.50	"	10.0	ND	102	75-120			
Methyl tert-butyl ether	16.8	0.50	"	10.0	7.19	96	50-140			
Toluene	9.66	0.50	"	10.0	ND	97	75-120			
Xylenes (total)	30.8	0.50	"	30.0	ND	103	75-130			
Surrogate: Dibromofluoromethane	*2.37*		"	*2.50*		*95*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-125*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.51*		"	*2.50*		*100*	*60-135*			
Matrix Spike Dup (7H16010-MSD1)	**Source: MQH0365-02**			Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	9.77	0.50	ug/l	10.0	ND	98	65-135	1	25	
Benzene	12.6	0.50	"	10.0	3.17	94	75-120	0.2	20	
tert-Butyl alcohol	182	20	"	200	ND	91	60-135	2	25	
Di-isopropyl ether	9.30	0.50	"	10.0	ND	93	70-130	1	25	
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0	ND	105	70-135	1	30	
1,2-Dichloroethane	9.49	0.50	"	10.0	ND	95	70-125	1	25	
Ethanol	98.5	300	"	200	ND	49	15-150	14	25	
Ethyl tert-butyl ether	9.48	0.50	"	10.0	ND	95	65-130	0.7	25	
Ethylbenzene	10.0	0.50	"	10.0	ND	100	75-120	2	20	
Methyl tert-butyl ether	16.9	0.50	"	10.0	7.19	97	50-140	0.3	25	
Toluene	9.65	0.50	"	10.0	ND	96	75-120	0.1	25	
Xylenes (total)	30.3	0.50	"	30.0	ND	101	75-130	2	20	
Surrogate: Dibromofluoromethane	*2.41*		"	*2.50*		*96*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		"	*2.50*		*95*	*60-125*			
Surrogate: Toluene-d8	*2.45*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H17004 - EPA 5030B P/T / EPA 8260B										
Blank (7H17004-BLK1)				Prepared & Analyzed: 08/17/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.45*		"	*2.50*		*98*	*60-125*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.21*		"	*2.50*		*88*	*60-135*			
Laboratory Control Sample (7H17004-BS1)				Prepared & Analyzed: 08/17/07						
tert-Amyl methyl ether	11.0	0.50	ug/l	10.0		110	65-135			
Benzene	9.88	0.50	"	10.0		99	75-120			
tert-Butyl alcohol	194	20	"	200		97	60-135			
Di-isopropyl ether	10.6	0.50	"	10.0		106	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0		105	70-135			
1,2-Dichloroethane	9.83	0.50	"	10.0		98	70-125			
Ethanol	246	300	"	200		123	15-150			
Ethyl tert-butyl ether	10.5	0.50	"	10.0		105	65-130			
Ethylbenzene	10.2	0.50	"	10.0		102	75-120			
Methyl tert-butyl ether	10.6	0.50	"	10.0		106	50-140			
Toluene	10.1	0.50	"	10.0		101	75-120			
Xylenes (total)	31.1	0.50	"	30.0		104	75-130			
Surrogate: Dibromofluoromethane	*2.42*		"	*2.50*		*97*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-125*			
Surrogate: Toluene-d8	*2.44*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.38*		"	*2.50*		*95*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7H17004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H17004-MS1)	**Source: MQH0365-01**			Prepared & Analyzed: 08/17/07						
tert-Amyl methyl ether	9.88	0.50	ug/l	10.0	ND	99	65-135			
Benzene	9.99	0.50	"	10.0	ND	100	75-120			
tert-Butyl alcohol	198	20	"	200	ND	99	60-135			
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0	ND	108	70-135			
1,2-Dichloroethane	10.2	0.50	"	10.0	ND	102	70-125			
Ethanol	218	300	"	200	ND	109	15-150			
Ethyl tert-butyl ether	9.69	0.50	"	10.0	ND	97	65-130			
Ethylbenzene	9.55	0.50	"	10.0	ND	96	75-120			
Methyl tert-butyl ether	121	0.50	"	10.0	113	75	50-140			BB
Toluene	9.85	0.50	"	10.0	ND	98	75-120			
Xylenes (total)	25.1	0.50	"	30.0	ND	84	75-130			
Surrogate: Dibromofluoromethane	*2.44*		"	*2.50*		*98*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-125*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.32*		"	*2.50*		*93*	*60-135*			
Matrix Spike Dup (7H17004-MSD1)	**Source: MQH0365-01**			Prepared & Analyzed: 08/17/07						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	65-135	4	25	
Benzene	10.3	0.50	"	10.0	ND	103	75-120	3	20	
tert-Butyl alcohol	202	20	"	200	ND	101	60-135	2	25	
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130	4	25	
1,2-Dibromoethane (EDB)	11.1	0.50	"	10.0	ND	111	70-135	3	30	
1,2-Dichloroethane	10.4	0.50	"	10.0	ND	104	70-125	2	25	
Ethanol	193	300	"	200	ND	97	15-150	12	25	
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	65-130	7	25	
Ethylbenzene	10.4	0.50	"	10.0	ND	104	75-120	9	20	
Methyl tert-butyl ether	129	0.50	"	10.0	113	154	50-140	6	25	BB
Toluene	10.5	0.50	"	10.0	ND	105	75-120	6	25	
Xylenes (total)	31.9	0.50	"	30.0	ND	106	75-130	24	20	BA
Surrogate: Dibromofluoromethane	*2.48*		"	*2.50*		*99*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-125*			
Surrogate: Toluene-d8	*2.45*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.43*		"	*2.50*		*97*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: ARCO #0374, Oakland, CA	MQH0365
3330 Cameron Park Dr., Suite 550	Project Number: G0C21-0015	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:23

Notes and Definitions

PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
BB	Sample > 4x spike concentration
BA	Relative percent difference out of control
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 374
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>374
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 6:15	Temp: 60
Off-site Time: 845	Temp: 63
Sky Conditions: overcast	
Meteorological Events: none	
Wind Speed: 0	Direction: 0

Lab Name: TestAmerica	BP/AR Facility No.: 374	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 6407 Telegraph Ave., Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T0600100106	Consultant/Contractor Project No.: E374-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G0C21-0015	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No: MQH0365

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: Ethanol	Requested Analysis: EDB	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	822	8/8/07		X		01	3				X		X	X	X	X		
2	MW-2	802	"		X		02	3				X		X	X	X	X		
3	MW-3	724	"		X		03	3				X		X	X	X	X		
4	MW-4	745	"		X		04	3				X		X	X	X	X		
5	MW-5	712	"		X		05	3				X		X	X	X	X		
6	MW-6	730	"		X		06	6				X		X	X	X	X		
7	TB 374	500	"		X		07	2				X		X	X	X	X		HOLD
8																			
9																			
10																			

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Jarrod Gonzales		8/10/07	1650		8/10/07	1530
Sampler's Company: Dou10's ENV		8/10/07	1650		8/10	1650
Shipment Date:		8/10/07	1945		8/10	0440
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Please cc results to: rmiller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP 374
REC. BY (PRINT) D.V.
WORKORDER: MQH0365

DATE REC'D AT LAB: 8/10/07
TIME REC'D AT LAB: 1940
DATE LOGGED IN: 8/11/07

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker (Present) / Absent								
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*			SEE C.O.C 8/10/07 D.V.					
9. **Does information on chain-of-custody, traffic reports and sample labels agree?** ~~Yes~~ / No*								
10. Sample received within hold time? (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) (Yes) / No*								
14. Read Temp: 2.6 Corrected Temp: ↓ Is corrected temp 4 +/-2°C? (Yes) / No** (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**3Q07 GEO_WELL 374**
Facility Global ID:	**T0600100106**
Facility Name:	**ARCO #0374**
Submittal Date/Time:	**10/25/2007 10:59:06 AM**
Confirmation Number:	**6695815145**

Back to Main Menu

Electronic Submittal Information

Your EDF file has been successfully uploaded!

Confirmation Number: 8013572096
Date/Time of Submittal: 9/28/2007 3:15:36 PM
Facility Global ID: T0600100106
Facility Name: ARCO #0374
Submittal Title: 3Q07 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #0374
6407 TELEGRAPH
OAKLAND, CA 94609

Regional Board - Case #: 01-0114
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: RO0000078
ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
8013572096	3Q07 GW Monitoring	Q3 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	9/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0