Atlantic Richfield Company
(a BP affiliated company)

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

29 January 2008

Re: Fourth Quarter 2007 Ground-Water Monitoring Report
Former BP Station # 11124
3315 High Street
Oakland, California
ACEH Case # RO0000239

"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

Fourth Quarter 2007 Ground-Water Monitoring Report
Former BP Station #11124
3315 High Street
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

29 January 2008

Project No. 06-08-652

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

29 January 2008

Project No. 06-08-652

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

Attn.: Mr. Paul Supple

Re: Fourth Quarter 2007 Ground-Water Monitoring Report, Former BP Station #11124, 3315 High Street, Oakland, California; ACEH Case # RO0000239

Dear Mr. Supple:

Attached is the *Fourth Quarter 2007 Ground-Water Monitoring Report* for Former BP Station #11124 (herein referred to as Station #11124) located at 3315 High Street, Oakland California (Site). This report presents a summary of results from ground-water monitoring and sampling during Fourth Quarter 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

PROFESSIONAL GEOLOGIST
ROBERT H. MILLER
No. 4893
exp 4-30-08
STATE OF CALIFORNIA

Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Ms. Shelby Lathrop, ConocoPhillips, 76 Broadway, Sacramento, California 95818
Electronic copy uploaded to GeoTracker

STATION #11124 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #11124 Address:	3315 High Street, Oakland, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case # RO0000239
Consultant Project No.:	06-08-652
Facility Permits/Permitting Agency:	None

WORK PERFORMED THIS QUARTER (Fourth Quarter 2007):

1. Submitted Third Quarter 2007 Ground-Water Monitoring Report.
2. Submitted Preferential Pathway Survey. Report prepared by BAI, dated 15 October 2007.
3. Conducted ground-water monitoring/sampling for Fourth Quarter 2007. Work performed by Stratus Environmental, Inc. (Stratus) on 13 November 2007 and 20 December 2007.

WORK PROPOSED FOR NEXT QUARTER (First Quarter 2008):

1. Prepared and submitted Fourth Quarter 2007 Ground-Water Monitoring Report (contained herein).
2. Conduct quarterly ground-water monitoring/sampling for First Quarter 2008.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-Water Monitoring/Sampling**
Frequency of ground-water monitoring:	**Quarterly: Wells MW-1, MW-2, MW-4, MW-5 and MW-6**
Frequency of ground-water sampling:	**Quarterly: Wells MW-1, MW-2, MW-4, MW-5 and MW-6**
Is free product (FP) present on-site:	**No**
Current remediation techniques:	**NA**
Depth to ground water (below TOC):	**9.28 (MW-4) to 10.52 (MW-1) on 11/13/2007**
General ground-water flow direction:	**Southwest**
Approximate hydraulic gradient:	**0.01 ft/ft**

DISCUSSION:

Fourth quarter 2007 ground-water monitoring/sampling was conducted at Former BP Station #11124 on 13 November 2007 and 20 December 2007 by Stratus personnel. No irregularities were noted during water level gauging. Depth-to-water level measurements on 13 November 2007 ranged from 9.28 ft at MW-4 to 10.52 ft at MW-1. Resulting ground-water surface elevations ranged from 146.82 ft above mean sea level (msl) at well MW-1 to 144.88 ft above msl at well MW-6. Water level elevations were within the historic minimum and maximum ranges for each well, as summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient of southwest at 0.01 ft/ft, consistent with historical data (see 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, MW-2, MW-4, MW-5, and MW-6. Select analyses were inadvertently not performed on

samples from wells MW-1, MW-2, and MW-4 during the regularly scheduled quarterly monitoring event on 13 November 2007. Therefore, wells MW-1, MW-2, and MW-4 were re-sampled on 20 December 2007 to perform the missing analyses. No other irregularities were reported during sampling. Samples were submitted to Test America Analytical Testing Corporation (Morgan Hill, California) under chain-of-custody protocol for laboratory analysis of Gasoline Range Organics (GRO, C4-C12) by LUFT GC/MS method; Diesel Range Organics (DRO, C10-C36) by EPA Method 8015B; Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and Methyl tert-butyl ether (MTBE), Ethyl tert-butyl ether (ETBE), Ethanol, 1,2-Dichloroethane (1,2-DCA), 1,2-Dibromomethane (EDB), Di-isopropyl ether (DIPE), tert-Butyl alcohol (TBA), and tert-Amyl methyl ether (TAME) by EPA Method 8260B. The hydrocarbon result for GRO in samples collected from wells MW-5 and MW-6 were partly due to individual peak(s) in the quantitation range. No other analytical irregularities were reported during laboratory analysis of the samples.

Gasoline Range Organics (GRO) were detected above the laboratory reporting limit in two of the five wells sampled at concentrations up to 950 micrograms per liter (µg/L) in well MW-5. MTBE was detected above the laboratory reporting limit in three of the five wells sampled at concentrations up to 1,400 µg/L in well MW-5. The remaining fuel additives and oxygenates were not detected above their respective laboratory reporting limits in the five wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well. 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.

As hydrocarbon contaminants have not been detected to date in monitoring well MW-2 and rarely in well MW-4 (MTBE detected in one of ten quarters sampled), BAI proposes modification of the future monitoring and sampling schedule. BAI proposes continued quarterly monitoring of depths to ground-water from the five on-site wells. However BAI proposes discontinuing quarterly collection and analysis of samples from wells MW-2 and MW-4. Furthermore, BAI proposes discontinuing to analyze samples for DRO in the future as DRO has not been detected in onsite wells (with the single exception of 13 March 2007 in well MW-2 just above the reporting limit, and the laboratory noted that the chromatogram profile was inconsistent with the pattern of the fuel standard). At this time, no decision will be made regarding these proposals without discussion and approval from ACEH.

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, 13 November 2007 and 20 December 2007, Former BP Service Station #11124, 3315 High Street, Oakland, California

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11124, 3315 High St., Oakland, CA

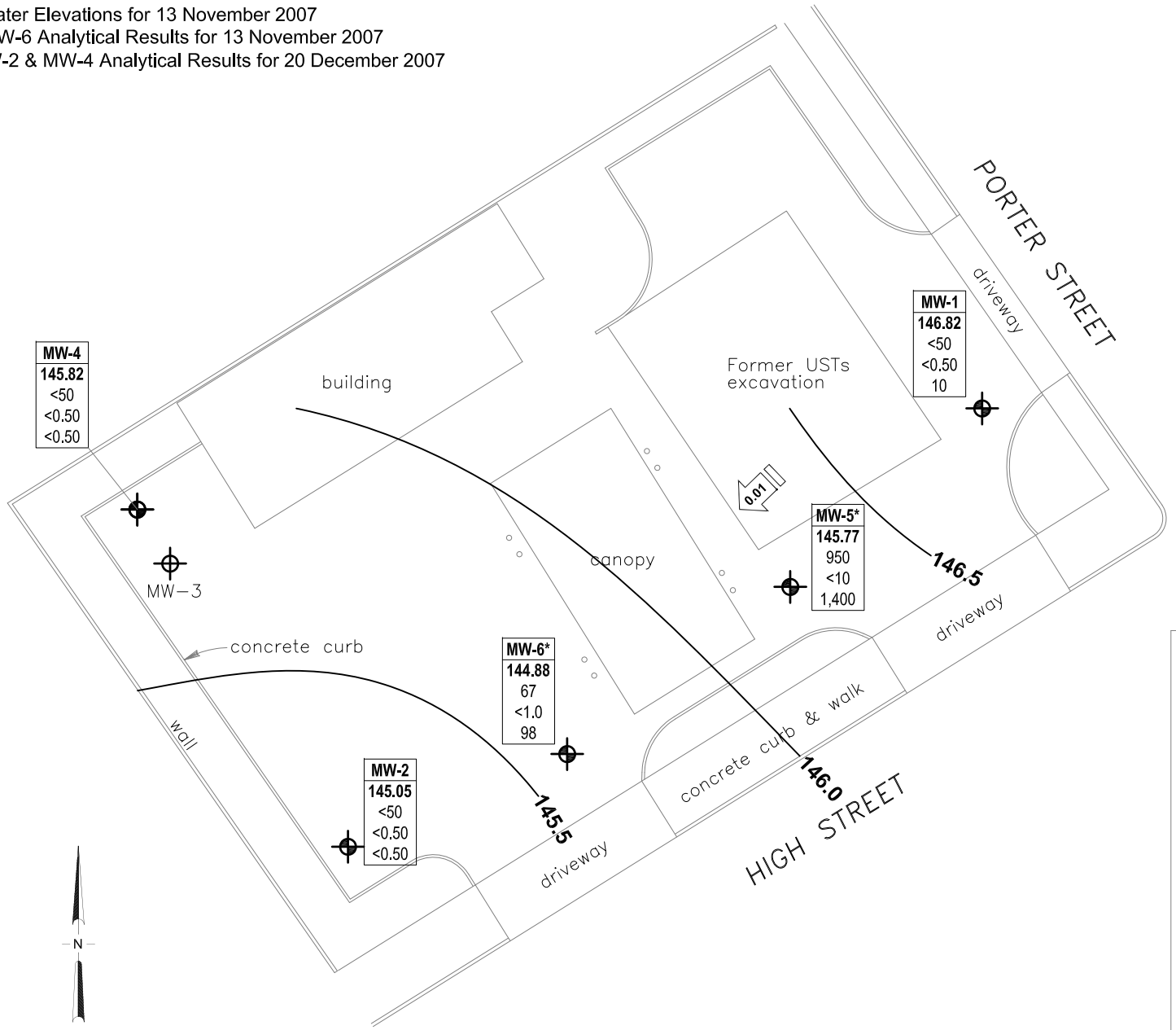
Table 2. Summary of Fuel Additives Analytical Data, Station #11124, 3315 High St., Oakland, CA

Table 3. Historical Ground-Water Flow Direction and Gradient, Station #11124, 3315 High St., Oakland, CA

Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documentation)

Appendix B. GeoTracker Upload Confirmations

Note for 2007Q4
Ground-Water Elevations for 13 November 2007
MW-5 & MW-6 Analytical Results for 13 November 2007
MW-1, MW-2 & MW-4 Analytical Results for 20 December 2007



LEGEND

- Ground-water monitoring well
- Abandoned monitoring well
- Well / ELEV / GRO / Benzene / MTBE — Well Designation; Ground-water elevation (ft MSL); GRO, Benzene & MTBE concentrations (µg/L)
- — 146.0 Ground-water elevation (ft MSL)
- * Elevation not used in contours
- < Not detected at or above laboratory reporting limits
- 0.01 Ground-water flow direction and gradient (ft/ft)

NOTE: SITE MAP ADAPTED FROM STRATUS ENVIRONMENTAL, INC FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30 60
SCALE (ft)

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212 Chico, CA
Project No.: 06-08-652 Date: 1/22/08

Former Station #11124
3315 High Street
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
13 November 2007 + 20 December 2007

Drawing 1

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

Station #11124, 3315 High St., Oakland, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/ TPHd (µg/L)	TOG (µg/L)
							GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE					
MW-1																	
10/19/2004	P		154.99	10.50	--	144.49	<50	<0.50	<0.50	<0.50	<0.50	14	0.96	SEQM	6.9	--	--
01/13/2005	P		154.99	9.00	--	145.99	<50	<0.50	<0.50	<0.50	<0.50	33	2.5	SEQM	6.4	--	--
02/24/2006	P	c	154.99	10.42	--	144.57	55	<0.50	<0.50	<0.50	<0.50	51	--	SEQM	6.8	--	--
5/30/2006	P		154.99	10.94	--	144.05	50	<0.50	<0.50	<0.50	<0.50	58	--	SEQM	6.6	--	--
8/28/2006	P		154.99	10.61	--	144.38	50	<0.50	<0.50	<0.50	<0.50	<0.50	--	TAMC	7.0	--	--
11/2/2006	P		154.99	10.83	--	144.16	<50	<0.50	<0.50	<0.50	<0.50	9.8	1.40	TAMC	6.99	--	--
2/6/2007	P	d	157.34	9.88	--	147.46	<50	<0.50	<0.50	<0.50	<0.50	1.1	2.76	TAMC	7.10	--	--
3/13/2007	P		157.34	9.62	--	147.72	--	--	--	--	--	--	2.63	TAMC	7.30	<48	--
5/8/2007	P		157.34	9.62	--	147.72	<50	<0.50	<0.50	<0.50	<0.50	19	2.65	TAMC	7.01	<49	--
8/7/2007	P		157.34	10.82	--	146.52	<50	<0.50	<0.50	<0.50	<0.50	5.0	3.15	TAMC	7.33	<49	--
11/13/2007	**--**		**157.34**	**10.52**	**--**	**146.82**	**--**	**--**	**--**	**--**	**--**	**--**	**4.79**	**TAMC**	**6.58**	**<48**	**--**
12/20/2007	**NP**	**e**	**157.34**	**10.47**	**--**	**146.87**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**10**	**1.14**	**TAMC**	**6.97**	**--**	**--**
MW-2																	
10/19/2004	--	b	152.02	9.45	--	142.57	--	--	--	--	--	--	--	--	--	--	--
01/13/2005	P		152.02	6.43	--	145.59	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.47	SEQM	6.4	--	--
02/24/2006	P		152.02	7.88	--	144.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.7	--	--
5/30/2006	P		152.02	7.98	--	144.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.7	--	--
8/28/2006	P		152.02	9.38	--	142.64	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	TAMC	6.7	--	--
11/2/2006	--		152.02	9.85	--	142.17	--	--	--	--	--	--	--	--	--	--	--
2/6/2007	P	d	154.35	8.40	--	145.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.10	TAMC	7.02	--	--
3/13/2007	P		154.35	7.55	--	146.80	--	--	--	--	--	--	4.83	TAMC	7.17	52	--
5/8/2007	P		154.35	7.70	--	146.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.40	TAMC	7.12	<48	--
8/7/2007	P		154.35	9.77	--	144.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.47	TAMC	7.19	<47	--
11/13/2007	**--**		**154.35**	**9.30**	**--**	**145.05**	**--**	**--**	**--**	**--**	**--**	**--**	**4.90**	**TAMC**	**7.02**	**<48**	**--**
12/20/2007	**NP**	**e**	**154.35**	**9.34**	**--**	**145.01**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.62**	**TAMC**	**7.44**	**--**	**--**
MW-4																	
10/19/2004	P		152.77	9.55	--	143.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	SEQM	7.0	--	--
01/13/2005	--	a	152.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/24/2006	P		152.77	7.86	--	144.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.1	--	--

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

Station #11124, 3315 High St., Oakland, CA

Well and Sample Date	P/NP	Footnote	TOC Elevation (feet msl)	DTW (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	DRO/ TPHd (µg/L)	TOG (µg/L)
							GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE					
MW-4 Cont.																	
5/30/2006	P		152.77	8.04	--	144.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	--	--
8/28/2006	P		152.77	9.36	--	143.41	<50	<0.50	<0.50	<0.50	<0.50	16	--	TAMC	6.5	--	--
11/2/2006	P		152.77	9.92	--	142.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.23	TAMC	6.79	--	--
2/6/2007	P	d	155.10	8.40	--	146.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.43	TAMC	7.10	--	--
3/13/2007	P		155.10	7.56	--	147.54	--	--	--	--	--	--	2.53	TAMC	7.18	<49	--
5/8/2007	P		155.10	7.68	--	147.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.78	TAMC	7.28	<48	--
8/7/2007	P		155.10	9.83	--	145.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.70	TAMC	7.13	<48	--
11/13/2007	**--**		**155.10**	**9.28**	**--**	**145.82**	**--**	**--**	**--**	**--**	**--**	**--**	**5.71**	**TAMC**	**7.11**	**<48**	**--**
12/20/2007	**NP**	**e**	**155.10**	**9.23**	**--**	**145.87**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.13**	**TAMC**	**7.16**	**--**	**--**
MW-5																	
3/13/2007	P	d	155.45	8.72	--	146.73	880	<0.50	<0.50	<0.50	<0.50	1,400	1.84	TAMC	7.36	<48	--
5/8/2007	P	c	155.45	8.42	--	147.03	920	<5.0	<5.0	<5.0	<5.0	1,300	3.26	TAMC	7.50	<48	--
8/7/2007	P	c	155.45	9.88	--	145.57	1,300	<10	<10	<10	<10	1,600	3.54	TAMC	7.34	<48	--
11/13/2007	**P**	**c**	**155.45**	**9.68**	**--**	**145.77**	**950**	**<10**	**<10**	**<10**	**<10**	**1,400**	**4.68**	**TAMC**	**6.99**	**<48**	**--**
MW-6																	
3/13/2007	P	d	154.59	7.82	--	146.77	86	<0.50	<0.50	<0.50	<0.50	88	1.92	TAMC	7.21	<48	--
5/8/2007	P	c	154.59	7.92	--	146.67	88	<0.50	<0.50	<0.50	<0.50	120	1.87	TAMC	7.50	<48	--
8/7/2007	P	c	154.59	9.85	--	144.74	67	<0.50	<0.50	<0.50	<0.50	85	3.60	TAMC	7.25	<47	--
11/13/2007	**P**	**c**	**154.59**	**9.71**	**--**	**144.88**	**67**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**98**	**4.44**	**TAMC**	**7.16**	**<48**	**--**

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

FOOTNOTES:
a = Well inaccessible.
b = Well is dry.
c = Hydrocarbon result for GRO partly due to individual peak(s) in quantitative range.
d = Well survey by Morrow Surveying on 12/27/2006.
e = Well re-sampled due to insufficient laboratory analysis of previous sampling event on 11/13/2007. The depth to water and resulting water level elevation from 11/13/2007 will be used for reporting purposes for Fourth Quarter 2007.

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.

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 #11124, 3315 High St., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
10/19/2004	<100	<20	14	<0.50	<0.50	<0.50	<0.50	<0.50	
01/13/2005	<100	<20	33	<0.50	<0.50	<0.50	<0.50	<0.50	
02/24/2006	<300	<20	51	<0.50	<0.50	<0.50	<0.50	<0.50	
5/30/2006	<300	<20	58	<0.50	<0.50	<0.50	<0.50	<0.50	
8/28/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/2/2006	<300	<20	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	
2/6/2007	<300	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
5/8/2007	<300	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2007	<300	<20	5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
12/20/2007	**<300**	**<20**	**10**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-2									
01/13/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/24/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/30/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/28/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/8/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/20/2007	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-4									
10/19/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/24/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/30/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/28/2006	<300	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
11/2/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/6/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/8/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/20/2007	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-5									

Table 2. Summary of Fuel Additives Analytical Data

Station #11124, 3315 High St., Oakland, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
3/13/2007	<3,000	<200	1,400	<5.0	<5.0	6.5	<5.0	<5.0	
5/8/2007	<3,000	<200	1,300	<0.50	<0.50	7.0	<0.50	<0.50	
8/7/2007	<6,000	<400	1,600	<10	<10	<10	<10	<10	
11/13/2007	**<6,000**	**<400**	**1,400**	**<10**	**<10**	**<10**	**<10**	**<10**	
MW-6									
3/13/2007	<300	<20	88	<0.50	<0.50	<0.50	<0.50	<0.50	
5/8/2007	<300	<20	120	<0.50	<0.50	0.61	<0.50	<0.50	
8/7/2007	<300	<20	85	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2007	**<600**	**<40**	**98**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	

ABBREVIATIONS AND SYMBOLS:
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-Dichloroethane
EDB = 1,2-Dibromomethane
µg/L = micrograms per liter
< = Not detected at or above laboratory reporting limit

NOTES:
All fuel oxygenate compounds are 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 #11124, 3315 High St., Oakland, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
11/12/1990	--	--
7/15/1991	Southwest	0.0174
10/15/1991	Southwest	0.0182
1/15/1992	South-Southwest	0.014
4/17/1992	South	0.014
9/30/1992	South-Southwest	0.018
12/17/1992	North	0.01
3/15/1993	South	0.007
10/19/2004	South-Southwest	0.022
1/13/2005	--	--
2/24/2006	Southeast	0.01
5/30/2006	East-Southeast	0.007
8/28/2006	South	0.012
11/2/2006	South	0.013
3/13/2007	Southwest	0.006
5/8/2007	South-Southwest	0.009
8/7/2007	Southwest	0.01
11/13/2007	**Southwest**	**0.01**

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

December 7, 2007

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

Re: Groundwater Sampling Data Package, BP Service Station No. 11124, located at 3315 High Street, Oakland, California

General Information

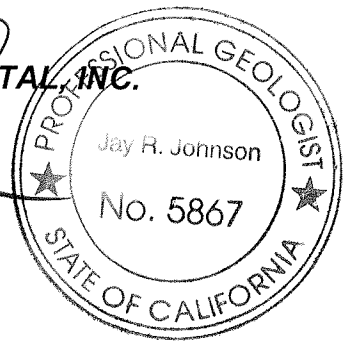
Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales

Sampling Date: November 16, 2007
Arrival: 09:00 *Departure:* 11:30
Weather Conditions: Clear
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

AR-900 PF 11:30

Gauge Date: 11-13-97

Project Name: *Oakland - 3315 High Street*

Field Technician: Jerry

Project Number: *11124*

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	9:19			10.52	34.19	2"				
MW-2	9:23			9.30	28.80	2"				
MW-4	9:28			9.28	30.11	2"				
MW-5	9:17			9.68	29.82	2"				
MW-6	9:14			9.71	29.55	2"				

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 | PURGED BY: JC | WELL I.D.: MW-1

CLIENT NAME: | SAMPLED BY: JC | SAMPLE I.D.: MW-1

LOCATION: Oakland - 3315 High Street | QA SAMPLES:

DATE PURGED 11-13-07 | START (2400hr) 9:29 | END (2400hr) 9:32

DATE SAMPLED 11-13-07 | SAMPLE TIME (2400hr) 9:40

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

CASING DIAMETER: 2" x (0.17) | 3" (0.38) | 4" (0.67) | 5" (1.02) | 6" (1.50) | 8" (2.60) | Other ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 34.47 | CASING VOLUME (gal) = 4.9

DEPTH TO WATER (feet) = 10.52 | CALCULATED PURGE (gal) = 12.2

WATER COLUMN HEIGHT (feet) = 23.9 | ACTUAL PURGE (gal) = 12.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
11-13-07	9:30	4.2	20.0	2083	6.71	clear	
1	9:31	8.3	23.5	3147	6.69	1	
1	9:32	12.5	23.9	3163	6.52	1	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11.40 | SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ___ NO | ANALYSES: 5W.6

ODOR: NO | SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCl, 1 1Liter, HP

PURGING EQUIPMENT

- ___ Bladder Pump
- x Centrifugal Pump
- ___ Submersible Pump
- ___ Peristaltic Pump
- ___ Bailer (Teflon)
- ___ Bailer (PVC)
- ___ Bailer (Stainless Steel)
- ___ Dedicated

Other:

Pump Depth: 25

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#: MISC

REMARKS: DO 4.79

SIGNATURE:

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: JC WELL I.D.: MW-2

CLIENT NAME: SAMPLED BY: JC SAMPLE I.D.: MW-2

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 11-13-07 START (2400hr) 10:46 END (2400hr) 10:49

DATE SAMPLED 11-13-07 SAMPLE TIME (2400hr) 10:55

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 28.80 CASING VOLUME (gal) = 3.2

DEPTH TO WATER (feet) = 9.30 CALCULATED PURGE (gal) = 9.9

WATER COLUMN HEIGHT (feet) = 19.5 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
11-13-07	10:49	3.3	26.2	662	7.20	clear	
"	10:46	6.3	27.6	682	7.06	"	
"	10:00	10.5	27.1	636	7.05	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.08 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: 5 WO

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCl, 1 LITER AMB. HCl

PURGING EQUIPMENT

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

Other: ___

Pump Depth: 23

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#: Master

REMARKS: DO: 1.20

SIGNATURE: [signature] Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: [illegible] WELL I.D.: MW-4

CLIENT NAME: [illegible] SAMPLED BY: [illegible] SAMPLE I.D.: MW-4

LOCATION: Oakland - 3315 High Street QA SAMPLES: [illegible]

DATE PURGED 11-13-09 START (2400hr) 11:05 END (2400hr) 11:08

DATE SAMPLED 11-13-09 SAMPLE TIME (2400hr) 11:15

SAMPLE TYPE: Groundwater x Surface Water [illegible] Treatment Effluent [illegible] Other [illegible]

CASING DIAMETER: 2" x (0.17) 3" [illegible] (0.38) 4" [illegible] (0.67) 5" [illegible] (1.02) 6" [illegible] (1.50) 8" [illegible] (2.60) Other [illegible] ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 30.18 CASING VOLUME (gal) = 3.5

DEPTH TO WATER (feet) = 9.28 CALCULATED PURGE (gal) = 10.6

WATER COLUMN HEIGHT (feet) = 20.9 ACTUAL PURGE (gal) = 11.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
11-13-09	11:06	3.8	24.2	534	7.14	clear	
"	11:07	7.5	22.3	507	7.37	"	
"	11:08	11.0	20.7	500	7.11	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.69 SAMPLE TURBIDITY: clear

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

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL-1 LT Amber HP

PURGING EQUIPMENT

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

Other: ___

Pump Depth: 25

SAMPLING EQUIPMENT

- ___ Bladder Pump
- ___ Centrifugal Pump
- ___ Submersible Pump
- ___ Peristalic Pump
- ___ Bailer (Teflon)
- Z Bailer (___ PVC or Y disposable)
- ___ Bailer (Stainless Steel)
- ___ Dedicated ___

Other: ___

WELL INTEGRITY: Good LOCK#: Master

REMARKS: PD 5.71

SIGNATURE: [signature] Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: JC WELL I.D.: MW-5

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

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 11-13-07 START (2400hr) 9:50 END (2400hr) 9:53

DATE SAMPLED 11-13-07 SAMPLE TIME (2400hr) 10:00

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

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

DEPTH TO BOTTOM (feet) = 29.82 CASING VOLUME (gal) = 3.3

DEPTH TO WATER (feet) = 9.68 CALCULATED PURGE (gal) = 10.2

WATER COLUMN HEIGHT (feet) = 20.1 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
11-13-07	9:51	3.5	22.0	422.1	6.82	clear	
1	9:57	7.0	21.4	373	6.77	1	
1	9:53	10.5	21.5	381	6.74	1	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.19 SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ___ NO ANALYSES: 5-WD

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCl - 1 LT Amber HCl

PURGING EQUIPMENT

___ Bladder Pump
x Centrifugal Pump
___ Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ___
Other: ___
Pump Depth: 25

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good LOCK#: MacTac

REMARKS: DO 4.68

SIGNATURE: [signature] Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: JC WELL I.D.: MW-6

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

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 11-13-07 START (2400hr) 10:11 END (2400hr) 10:44

DATE SAMPLED 11-13-07 SAMPLE TIME (2400hr) 10:55

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

CASING DIAMETER: 2" x (0.17) 3" ___ (0.38) 4" ___ (0.67) 5" ___ (1.02) 6" ___ (1.50) 8" ___ (2.60) Other ___ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 29.55 CASING VOLUME (gal) = 3.3

DEPTH TO WATER (feet) = 9.71 CALCULATED PURGE (gal) = 10.1

WATER COLUMN HEIGHT (feet) = 19.8 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
11-13-07	10:42	3.4	25.0	592	7.20	Clear	
"	10:43	7.0	25.1	610	7.15	"	
"	10:44	10.5	24.7	607	7.16	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.48 SAMPLE TURBIDITY: clear

80% RECHARGE: ___ YES ___ NO ANALYSES: SVOC

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCl - 1 LT Amber HCl

PURGING EQUIPMENT

- ___ Bladder Pump
- X Centrifugal Pump
- ___ Submersible Pump
- ___ Peristaltic Pump
- ___ Bailer (Teflon)
- ___ Bailer (PVC)
- ___ Bailer (Stainless Steel)
- ___ Dedicated ___

Other: ___

Pump Depth: 25

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#: Dolphin

REMARKS: DO 4.44

SIGNATURE: [signature] Page ___ of ___

Wellhead Observation Form

Account: _____

Sampled by: Jerry Date: 11-13-17

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	Y	—	—	—	N	N		chip on end
MW-2	Y	N	N	N	N	N	N	N		
MW-4	Y	N	N	N	N	N	N	N		
MW-5	Y	N	N	Y	N	N	N	N		
MW-6	Y	N	N	N	N	N	N	N		

NO. 665133

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

SITE:

NAME: BP WEST COAST PRODUCTS LLC ARCO # 11124

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 _____ WEIGHT _____

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

WASTE DESCRIPTION: NON-HAZARDOUS WATER

GENERATING PROCESS: WELL PURGING/DECON WATER

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

PROPERTIES: pH 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 Moothart BESI for BP — TYPED OR PRINTED FULL NAME & SIGNATURE

11-12-14 — DATE

TRANSPORTER

~~Transporter #1~~ Transporter #2

NAME: STRATUS ENVIRONMENTAL

EPA I.D. NO:

ADDRESS: 3330 CAMERON PARK DR

SERVICE ORDER NO.:

CITY, STATE, ZIP: CAMERON PARK, CA 95682

PICK UP DATE:

PHONE NO.: 530-676-2031

TRUCK, UNIT, I.D. NO.:

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TSD FACILITY

NAME: SEAPORT REFINING & ENVIRONMENTAL, LLC

EPA I.D. NO:

ADDRESS: 700 SEAPORT BLVD.

DISPOSAL METHOD: ☐ 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	
D/G		RT/CD	HW/DF: NONE	DISCREPANCY

Atlantic Richfield Company
A BP affiliated company

Chain of Custody Record

Page 1 of 1

Project Name: BP 11124
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>11124
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time:	9:00 Temp: 68
Off-site Time:	11:30 Temp: 73
Sky Conditions:	Clear
Meteorological Events:	None
Wind Speed:	0 Direction: —

Lab Name:	TestAmerica
Address:	885 Jarvis Drive
	Morgan Hill, CA 95937
Lab PM:	Lisa Race
Tele/Fax:	408-782-8156 408-782-6308 (fax)
BP/AR PM Contact:	Paul Supple
Address:	2010 Crow Canyon Place, Suite 150
	San Ramon, CA
Tele/Fax:	925-275-3506

BP/AR Facility No.:	11124
BP/AR Facility Address:	3315 High Street, Oakland
Site Lat/Long:	
California Global ID #:	T06001001919
Enfos Project No.:	G099D-0012
Provision or RCOP (circle one)	Provision
Phase/WBS:	04-Monitoring
Sub Phase/Task:	03-Analytical
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.:	E11124-04
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:	cjewitt@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: EDB	Requested Analysis: Ethanol by 8260	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	9:40	11-13-07		X			4				X						X	
2	MW-2	10:55	"		X			4				X						X	
3	MW-4	11:15	"		X			4				X						X	
4	MW-5	10:00	"		X			4				X		X	X	X	X	X	
5	MW-6	10:25	"		X			4				X		X	X	X	X	X	
6	TB 11124-111307	5:30	"		X			2				X						X	HOLD
7																			
8																			
9																			
10																			

Sampler's Name:	Jerry Gonzales
Sampler's Company:	Dan Do's ENV
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	11-14	1610		11-14	1610

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

This is a revised COC for BP 11124 sampled on 3/13/07, accepted by TestAmerica at 1315 on 3/14/07.

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

5 December, 2007

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

RE: BP Heritage #11124, Oakland ,CA
Work Order: MQK0481

Enclosed are the results of analyses for samples received by the laboratory on 11/14/07 20:00. 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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MQK0481-01	Water	11/13/07 09:40	11/14/07 20:00
MW-2	MQK0481-02	Water	11/13/07 10:55	11/14/07 20:00
MW-4	MQK0481-03	Water	11/13/07 11:15	11/14/07 20:00
MW-5	MQK0481-04	Water	11/13/07 10:00	11/14/07 20:00
MW-6	MQK0481-05	Water	11/13/07 10:25	11/14/07 20:00
TB11124-111307	MQK0481-06	Water	11/13/07 05:30	11/14/07 20:00

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

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 (MQK0481-04) Water Sampled: 11/13/07 10:00 Received: 11/14/07 20:00									
Gasoline Range Organics (C4-C12)	**950**	500	ug/l	10	7K20002	11/20/07	11/20/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-150*		"	"	"	"	
Surrogate: Dibromofluoromethane		*90 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*87 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*79 %*	*55-130*		"	"	"	"	
MW-6 (MQK0481-05) Water Sampled: 11/13/07 10:25 Received: 11/14/07 20:00									
Gasoline Range Organics (C4-C12)	**67**	50	ug/l	1	7K20002	11/20/07	11/20/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-150*		"	"	"	"	
Surrogate: Dibromofluoromethane		*87 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*87 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77 %*	*55-130*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQK0481-01) Water Sampled: 11/13/07 09:40 Received: 11/14/07 20:00									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7K16015	11/16/07	11/16/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*51 %*	*40-120*		"	"	"	"	
MW-2 (MQK0481-02) Water Sampled: 11/13/07 10:55 Received: 11/14/07 20:00									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7K16015	11/16/07	11/16/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*71 %*	*40-120*		"	"	"	"	
MW-4 (MQK0481-03) Water Sampled: 11/13/07 11:15 Received: 11/14/07 20:00									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7K16015	11/16/07	11/16/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*77 %*	*40-120*		"	"	"	"	
MW-5 (MQK0481-04) Water Sampled: 11/13/07 10:00 Received: 11/14/07 20:00									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7K16015	11/16/07	11/17/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*76 %*	*40-120*		"	"	"	"	
MW-6 (MQK0481-05) Water Sampled: 11/13/07 10:25 Received: 11/14/07 20:00									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7K16015	11/16/07	11/17/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*81 %*	*40-120*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MQK0481-04) Water Sampled: 11/13/07 10:00 Received: 11/14/07 20:00									
tert-Amyl methyl ether	ND	10	ug/l	20	7K17004	11/16/07	11/17/07	EPA 8260B	
Benzene	ND	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	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**1400**	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*55-130*		"	"	"	"	
MW-6 (MQK0481-05) Water Sampled: 11/13/07 10:25 Received: 11/14/07 20:00									
tert-Amyl methyl ether	ND	1.0	ug/l	2	7K17004	11/16/07	11/17/07	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
Ethanol	ND	600	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**98**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86 %*	*55-130*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

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 7K20002 - EPA 5030B P/T / LUFT GCMS										
Blank (7K20002-BLK1)				Prepared & Analyzed: 11/20/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.50*		"	*2.50*		*100*	*60-150*			
Surrogate: Dibromofluoromethane	*2.20*		"	*2.50*		*88*	*75-130*			
Surrogate: Toluene-d8	*2.26*		"	*2.50*		*90*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.12*		"	*2.50*		*85*	*55-130*			
Laboratory Control Sample (7K20002-BS2)				Prepared & Analyzed: 11/20/07						
Gasoline Range Organics (C4-C12)	500	50	ug/l	500		100	55-130			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		"	*2.50*		*102*	*60-150*			
Surrogate: Dibromofluoromethane	*2.21*		"	*2.50*		*88*	*75-130*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.31*		"	*2.50*		*92*	*55-130*			
Laboratory Control Sample Dup (7K20002-BSD2)				Prepared & Analyzed: 11/20/07						
Gasoline Range Organics (C4-C12)	504	50	ug/l	500		101	55-130	0.9	20	
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-150*			
Surrogate: Dibromofluoromethane	*2.22*		"	*2.50*		*89*	*75-130*			
Surrogate: Toluene-d8	*2.36*		"	*2.50*		*94*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.26*		"	*2.50*		*90*	*55-130*			
Matrix Spike (7K20002-MS1)	**Source: MQK0544-02**			Prepared & Analyzed: 11/20/07						
Gasoline Range Organics (C4-C12)	588	50	ug/l	550	ND	107	25-150			
Surrogate: 1,2-Dichloroethane-d4	*2.49*		"	*2.50*		*100*	*60-150*			
Surrogate: Dibromofluoromethane	*2.42*		"	*2.50*		*97*	*75-130*			
Surrogate: Toluene-d8	*2.34*		"	*2.50*		*94*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.33*		"	*2.50*		*93*	*55-130*			
Matrix Spike Dup (7K20002-MSD1)	**Source: MQK0544-02**			Prepared & Analyzed: 11/20/07						
Gasoline Range Organics (C4-C12)	652	50	ug/l	550	ND	119	25-150	10	20	
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*60-150*			
Surrogate: Dibromofluoromethane	*2.35*		"	*2.50*		*94*	*75-130*			
Surrogate: Toluene-d8	*2.35*		"	*2.50*		*94*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.28*		"	*2.50*		*91*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7K16015 - EPA 3510C / EPA 8015B-SVOA										
Blank (7K16015-BLK1)				Prepared & Analyzed: 11/16/07						
Diesel Range Organics (C10-C36)	ND	50	ug/l							
Surrogate: n-Octacosane	*31.8*		"	*50.0*		*64*	*40-120*			
Laboratory Control Sample (7K16015-BS1)				Prepared & Analyzed: 11/16/07						**DU**
Diesel Range Organics (C10-C36)	371	50	ug/l	500		74	40-115			
Surrogate: n-Octacosane	*33.9*		"	*50.0*		*68*	*40-120*			
Laboratory Control Sample Dup (7K16015-BSD1)				Prepared & Analyzed: 11/16/07						
Diesel Range Organics (C10-C36)	383	50	ug/l	500		77	40-115	3	25	
Surrogate: n-Octacosane	*30.8*		"	*50.0*		*62*	*40-120*			

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

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 7K17004 - EPA 5030B P/T / EPA 8260B										
Blank (7K17004-BLK1)				Prepared & Analyzed: 11/17/07						
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	*2.48*		"	*2.50*		*99*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.63*		"	*2.50*		*105*	*60-150*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.36*		"	*2.50*		*94*	*55-130*			
Laboratory Control Sample (7K17004-BS1)				Prepared & Analyzed: 11/17/07						
tert-Amyl methyl ether	9.45	0.50	ug/l	10.0		94	75-125			
Benzene	9.76	0.50	"	10.0		98	75-120			
tert-Butyl alcohol	211	20	"	200		106	80-120			
Di-isopropyl ether	9.42	0.50	"	10.0		94	70-130			
1,2-Dibromoethane (EDB)	9.83	0.50	"	10.0		98	75-130			
1,2-Dichloroethane	9.55	0.50	"	10.0		96	65-130			
Ethanol	256	300	"	200		128	50-150			
Ethyl tert-butyl ether	9.40	0.50	"	10.0		94	75-130			
Ethylbenzene	10.7	0.50	"	10.0		107	80-125			
Methyl tert-butyl ether	9.48	0.50	"	10.0		95	80-130			
Toluene	9.87	0.50	"	10.0		99	80-120			
Xylenes (total)	32.1	0.50	"	30.0		107	80-125			
Surrogate: Dibromofluoromethane	*2.43*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-150*			
Surrogate: Toluene-d8	*2.54*		"	*2.50*		*102*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.55*		"	*2.50*		*102*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

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 7K17004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7K17004-MS1)	**Source: MQK0447-03**			Prepared & Analyzed: 11/17/07						
tert-Amyl methyl ether	10.6	0.50	ug/l	10.0	ND	106	75-140			
Benzene	9.60	0.50	"	10.0	ND	96	80-120			
tert-Butyl alcohol	204	20	"	200	ND	102	80-125			
Di-isopropyl ether	9.82	0.50	"	10.0	ND	98	75-135			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0	ND	108	80-135			
1,2-Dichloroethane	10.0	0.50	"	10.0	ND	100	65-145			
Ethanol	189	300	"	200	ND	94	50-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135			
Ethylbenzene	9.73	0.50	"	10.0	ND	97	75-130			
Methyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	75-145			
Toluene	9.86	0.50	"	10.0	ND	99	80-125			
Xylenes (total)	28.9	0.50	"	30.0	ND	96	75-125			
Surrogate: Dibromofluoromethane	*2.56*		"	*2.50*		*102*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.63*		"	*2.50*		*105*	*60-150*			
Surrogate: Toluene-d8	*2.54*		"	*2.50*		*102*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.62*		"	*2.50*		*105*	*55-130*			
Matrix Spike Dup (7K17004-MSD1)	**Source: MQK0447-03**			Prepared & Analyzed: 11/17/07						
tert-Amyl methyl ether	10.6	0.50	ug/l	10.0	ND	106	75-140	0.2	25	
Benzene	10.0	0.50	"	10.0	ND	100	80-120	4	20	
tert-Butyl alcohol	213	20	"	200	ND	107	80-125	4	25	
Di-isopropyl ether	10.5	0.50	"	10.0	ND	105	75-135	7	25	
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0	ND	105	80-135	3	30	
1,2-Dichloroethane	10.3	0.50	"	10.0	ND	103	65-145	3	25	
Ethanol	211	300	"	200	ND	105	50-150	11	25	
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	80-135	2	25	
Ethylbenzene	10.1	0.50	"	10.0	ND	101	75-130	4	20	
Methyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	75-145	1	25	
Toluene	10.0	0.50	"	10.0	ND	100	80-125	2	25	
Xylenes (total)	29.7	0.50	"	30.0	ND	99	75-125	3	20	
Surrogate: Dibromofluoromethane	*2.50*		"	*2.50*		*100*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-150*			
Surrogate: Toluene-d8	*2.54*		"	*2.50*		*102*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.51*		"	*2.50*		*100*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQK0481
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/05/07 16:06

Notes and Definitions

SG	A silica gel cleanup procedure was performed.
PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
DU	Insufficient sample quantity for matrix spike/dup matrix spike
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

Lisa Race

From: Sandy Hayes [shayes@stratusinc.net]
Sent: Friday, November 16, 2007 2:16 PM
To: Lisa Race
Subject: RE: Possible problem COC BP#11124 - MQK0481
Attachments: Revised COC 11124.pdf

Hi Lisa,

Yes, looks like it is an old note from the back in March. I've revised and attached.

Thank you! :)

Sandy Hayes
Stratus Environmental, Inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682
shayes@stratusinc.net
Phone: 530.313.9964
Fax: 530.676.6005

REVISED

-----Original Message-----
From: Lisa Race [mailto:lisa.race@testamericainc.com]
Sent: Friday, November 16, 2007 2:05 PM
To: shayes@stratusinc.net
Subject: Possible problem COC BP#11124 - MQK0481

Sandy,

I left a message regarding this COC. Is the comment about this being a revised COC correct or is this an old note?

See attached. Feel free to contact me with any questions. Please note new e-mail address: Lisa.Race@Testamericainc.com

LISA RACE
Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

885 Jarvis Drive
Morgan Hill, CA 95037
Tel 408.782.8156 | Fax 408.782.6308
www.testamericainc.com www.stl-inc.com

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 11124
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>11124
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 9:00	Temp: 68
Off-site Time: 11:30	Temp: 73
Sky Conditions: Clear	
Meteorological Events: None	
Wind Speed: 0	Direction: —

Lab Name: TestAmerica	BP/AR Facility No.: 11124
Address: 885 Jarvis Drive	BP/AR Facility Address: 3315 High Street, Oakland
Morgan Hill, CA 95937	Site Lat/Long:
Lab PM: Lisa Race	California Global ID #: T06001001919
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G099D-0012
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.: EI1124-04	
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: cjewitt@stratusinc.net	
Invoice to: Atlantic Richfield Co.	

Lab Bottle Order No: MQK0481 (Laboratory No.)

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl 8260	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: EDB	Requested Analysis: Ethanol by 8260	Requested Analysis: DRO	Sample Point Lat/Long and Comments
1	MW-1	9:40	11-13-07		X		4	X			X						X	
2	MW-2	10:55	"		X		4	X			X						X	
3	MW-4	11:15	"		X		4	X			X						X	
4	MW-5	10:00	"		X		4	X			X		X	X	X	X	X	
5	MW-6	10:25	"		X		4	X			X		X	X	X	X	X	
6	TB 11124-111307	5:00	"		X		2				X						X	HOLD
7																		
8																		
9																		
10																		

REVISED
Sample Point Lat/Long and Comments
*Oxy = MTBD, TAME, ETBE, DIPE, TBA

Sampler's Name: Jerry Gonzales
Sampler's Company: Doulos ENV
Shipment Date:
Shipment Method:
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	11-14	1610		11-14	1610
	11-14	1620		11-14	1620
	11-14	2000		11/14	2000

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

~~This is a revised COC for BP 11124 sampled on 11/13/07, accepted by TestAmerica @ 1315 on 11/14/07.~~

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 4.4 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 11124
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>11124
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy):

On-site Time: 9:00	Temp: 68
Off-site Time: 11:30	Temp: 73
Sky Conditions: Clear	
Meteorological Events: None	
Wind Speed: 0	Direction: —

Lab Name: TestAmerica	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95937	
Lab PM: Lisa Race	
Tele/Fax: 408-782-8156 408-782-6308 (fax)	
BP/AR PM Contact: Paul Supple	
Address: 2010 Crow Canyon Place, Suite 150	
San Ramon, CA	
Tele/Fax: 925-275-3506	

BP/AR Facility No.:	11124
BP/AR Facility Address:	3315 High Street, Oakland
Site Lat/Long:	
California Global ID #:	T06001001919
Enfos Project No.:	G099D-0012
Provision or RCOP (circle one)	Provision
Phase/WBS:	04-Monitoring
Sub Phase/Task:	03-Analytical
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.:	E11124-04
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:	cjewitt@stratusinc.net
Invoice to:	Atlantic Richfield Co.

Lab Bottle Order No: MQK0481

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved 4°C	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl 8260	Preservative: Methanol	Requested Analysis: GRO/BTEX/Oxy*	Requested Analysis: 1,2 DCA	Requested Analysis: EDB	Requested Analysis: Ethanol by 8260	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	9:40	11-13-07		X		01	4	X			X						X	
2	MW-2	10:55	"		X		02	4	X			X						X	
3	MW-4	11:15	"		X		03	4	X			X						X	
4	MW-5	10:00	"		X		04	4	X			X		X	X	X	X	X	
5	MW-6	10:25	"		X		05	4	X			X		X	X	X	X	X	
6	TB 11124-111307	5:00	"		X		06	2				X						X	HOLD
7																			
8																			
9																			
10																			

Sampler's Name:	Jerry Gonzales
Sampler's Company:	Doulo's ENV
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	11-14	1610		11-14	1610
	11-14	1620		11-14	1620
	11-14	2000		11/14	2000

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

This is a revised COC for BP 11124 sampled on 3/13/07, accepted by TestAmerica at 1315 on 3/14/07.

Custody Seals In Place: Yes / (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 4.4 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP 11124
REC. BY (PRINT) D.V.
WORKORDER: MQK0481

DATE REC'D AT LAB: 11/17/07
TIME REC'D AT LAB: 2000
DATE LOGGED IN: 11/16/07

For Regulatory Purposes?
___ DRINKING WATER
___ WASTE WATER
✓ OTHER

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*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*			see COC 11/14/07 D.V.					
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: 5.4° Correction Factor: -1.0° Corrected Temp: 4.4° Is corrected temp. 0-6°C? (Yes) / No**								
**Exception (if any): Metals / Perchlorate DFF on Ice or Problem COC								

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

STRATUS
ENVIRONMENTAL, INC.

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

January 17, 2008

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

Re: Re-visit Groundwater Sampling Data Package, BP Service Station No. 11124, located at 3315 High Street, 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: December 20, 2007
Arrival: 13:45 *Departure:* 14:45
Weather Conditions: Clear
Unusual Field Conditions: None noted
Scope of Work Performed: Quarterly monitoring and sampling-Revisit
Variations from Work Scope: Select analyses were not performed on wells MW-1, MW-2 and MW-4 during the regularly scheduled quarterly monitoring event on November 16, 2007; Therefore, wells MW-1, MW-2 and MW-4 were resampled to include correct lab analyses.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, 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

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: _____ WELL I.D.: MW-1

CLIENT NAME: _____ SAMPLED BY: A.H SAMPLE I.D.: MW-1

LOCATION: Oakland - 3315 High Street QA SAMPLES: _____

DATE PURGED NA START (2400hr) NP END (2400hr) NP

DATE SAMPLED 12-20-07 SAMPLE TIME (2400hr) 1407

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 34.47 CASING VOLUME (gal) = NO

DEPTH TO WATER (feet) = 10.47 CALCULATED PURGE (gal) = NO

WATER COLUMN HEIGHT (feet) = ~ ACTUAL PURGE (gal) = NA

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12-20-07	1405	~	62.4	2110	6.97	~	~

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: NO SAMPLE TURBIDITY: clear

80% RECHARGE: ____ YES ____ NO NO ANALYSES: Oregon

ODOR: _____ SAMPLE VESSEL / PRESERVATIVE: 3 VOA HCL

PURGING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump ____ Bailer (PVC)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristaltic Pump ____ Dedicated _____

Other: _____

Pump Depth: NO

SAMPLING EQUIPMENT

____ Bladder Pump ____ Bailer (Teflon)

____ Centrifugal Pump X Bailer (____ PVC or 2 disposable)

____ Submersible Pump ____ Bailer (Stainless Steel)

____ Peristaltic Pump ____ Dedicated _____

Other: _____

WELL INTEGRITY: _____ LOCK#: NA

REMARKS: DUP

SIGNATURE: [signature] Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: _____ WELL I.D.: MW-2

CLIENT NAME: _____ SAMPLED BY: KA SAMPLE I.D.: MW-2

LOCATION: Oakland - 3315 High Street QA SAMPLES: _____

DATE PURGED NP START (2400hr) NP END (2400hr) NP

DATE SAMPLED 12-20-07 SAMPLE TIME (2400hr) 1420

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 28.80 CASING VOLUME (gal) = NP

DEPTH TO WATER (feet) = 9.34 CALCULATED PURGE (gal) = NP

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

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12-20-07	1420	~	52.1	1820	7.44	~	~

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: NA SAMPLE TURBIDITY: Clear

80% RECHARGE: ___ YES ___ NO ANALYSES: 8260

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 4 VOA HCl

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
X Bailer (Teflon)
___ Bailer (___ PVC or 1 disposable)
___ Bailer (Stainless Steel)
___ Dedicated _____
Other: _____

WELL INTEGRITY: good LOCK#: MMSA

REMARKS: DO 1.62

SIGNATURE: _____

Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11124 PURGED BY: NP WELL I.D.: MW-4

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

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 12/5/07 START (2400hr) ND END (2400hr) ND

DATE SAMPLED 12/5/07 SAMPLE TIME (2400hr) 1423

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

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

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 30.81 CASING VOLUME (gal) = ND

DEPTH TO WATER (feet) = 9.23 CALCULATED PURGE (gal) = ND

WATER COLUMN HEIGHT (feet) = ND ACTUAL PURGE (gal) = ND

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/5/2007	1436	—	61.9	2821	7.5		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: ND SAMPLE TURBIDITY: clear

80% RECHARGE: ____ YES ____ NO ANALYSES: Oregon

ODOR: none SAMPLE VESSEL / PRESERVATIVE: 4 VOA HCl

PURGING EQUIPMENT

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

Other: ____

Pump Depth: ND

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#: Master

REMARKS: DO 1.13

SIGNATURE: [signature] Page ____ of ____

Atlantic Richfield Company

A BP affiliated company

Chain of Custody Record

Project Name: BP 11124

BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>11124

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy): 12/26/2007

On-site Time: 1345	Temp: 55
Off-site Time: 1445	Temp: 55
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed: 0	Direction: N/A

Lab Name: TestAmerica	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95937	
Lab PM: Lisa Race	
Tele/Fax: 408-782-8156 408-782-6308 (fax)	
BP/AR PM Contact: Paul Supple	
Address: 2010 Crow Canyon Place, Suite 150	
San Ramon, CA	
Tele/Fax: 925-275-3506	

BP/AR Facility No.:	11124
BP/AR Facility Address:	3315 High Street, Oakland
Site Lat/Long:	
California Global ID #:	T06001001919
Enfos Project No.:	G099D-0012
Provision or RCOP (circle one)	Provision
Phase/WBS:	04-Monitoring
Sub Phase/Task:	03-Analytical
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.:	E11124-04
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:	cjewitt@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: EDB	Requested Analysis: Ethanol by 8260	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	1407	12/20/07		X			4				X		X	X	X	X		
2	MW-2	1420	"		X			4				X		X	X	X	X		
3	MW-4	1433	"		X			4				X		X	X	X	X		
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name:	Hal Hansen
Sampler's Company:	Dames & Moore
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	12/21	10:45		12/21/07	10:45

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

28 December, 2007

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

RE: BP Heritage #11124, Oakland ,CA
Work Order: MQL0732

Enclosed are the results of analyses for samples received by the laboratory on 12/21/07 20:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 2682

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MQL0732-01	Water	12/20/07 14:07	12/21/07 20:00
MW-2	MQL0732-02	Water	12/20/07 14:20	12/21/07 20:00
MW-4	MQL0732-03	Water	12/20/07 14:33	12/21/07 20:00

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQL0732-01) Water Sampled: 12/20/07 14:07 Received: 12/21/07 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L27009	12/27/07	12/27/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-150*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*55-130*		"	"	"	"	
MW-2 (MQL0732-02) Water Sampled: 12/20/07 14:20 Received: 12/21/07 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L27009	12/27/07	12/27/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-150*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*55-130*		"	"	"	"	
MW-4 (MQL0732-03) Water Sampled: 12/20/07 14:33 Received: 12/21/07 20:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L27009	12/27/07	12/27/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-150*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-130*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*55-130*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQL0732-01) Water Sampled: 12/20/07 14:07 Received: 12/21/07 20:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L27009	12/27/07	12/27/07	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	**10**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*55-130*		"	"	"	"	
MW-2 (MQL0732-02) Water Sampled: 12/20/07 14:20 Received: 12/21/07 20:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L27009	12/27/07	12/27/07	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		*95 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*55-130*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MQL0732-03) Water Sampled: 12/20/07 14:33 Received: 12/21/07 20:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7L27009	12/27/07	12/27/07	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		*99 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*55-130*		"	"	"	"	

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7L27009 - EPA 5030B P/T / LUFT GCMS										
Blank (7L27009-BLK1)				Prepared & Analyzed: 12/27/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-150*			
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.33*		"	*2.50*		*93*	*55-130*			
Laboratory Control Sample (7L27009-BS2)				Prepared & Analyzed: 12/27/07						
Gasoline Range Organics (C4-C12)	544	50	ug/l	500		109	55-130			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-150*			
Surrogate: Dibromofluoromethane	*2.47*		"	*2.50*		*99*	*75-130*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.58*		"	*2.50*		*103*	*55-130*			
Laboratory Control Sample Dup (7L27009-BSD2)				Prepared & Analyzed: 12/27/07						
Gasoline Range Organics (C4-C12)	476	50	ug/l	500		95	55-130	13	20	
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-150*			
Surrogate: Dibromofluoromethane	*2.35*		"	*2.50*		*94*	*75-130*			
Surrogate: Toluene-d8	*2.51*		"	*2.50*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.65*		"	*2.50*		*106*	*55-130*			
Matrix Spike (7L27009-MS1)	**Source: MQL0732-03**			Prepared & Analyzed: 12/27/07						
Gasoline Range Organics (C4-C12)	730	50	ug/l	550	ND	133	25-150			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-150*			
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*55-130*			
Matrix Spike Dup (7L27009-MSD1)	**Source: MQL0732-03**			Prepared & Analyzed: 12/27/07						
Gasoline Range Organics (C4-C12)	706	50	ug/l	550	ND	128	25-150	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-150*			
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7L27009 - EPA 5030B P/T / EPA 8260B										
Blank (7L27009-BLK1)				Prepared & Analyzed: 12/27/07						
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	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-150*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.33*		"	*2.50*		*93*	*55-130*			
Laboratory Control Sample (7L27009-BS1)				Prepared & Analyzed: 12/27/07						
tert-Amyl methyl ether	11.4	0.50	ug/l	10.0		114	75-125			
Benzene	10.2	0.50	"	10.0		102	75-120			
tert-Butyl alcohol	219	20	"	200		110	80-120			
Di-isopropyl ether	10.5	0.50	"	10.0		105	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0		105	75-130			
1,2-Dichloroethane	10.8	0.50	"	10.0		108	65-130			
Ethanol	225	300	"	200		112	50-150			
Ethyl tert-butyl ether	11.1	0.50	"	10.0		111	75-130			
Ethylbenzene	10.6	0.50	"	10.0		106	80-125			
Methyl tert-butyl ether	10.5	0.50	"	10.0		105	80-130			
Toluene	11.0	0.50	"	10.0		110	80-120			
Xylenes (total)	33.2	0.50	"	30.0		111	80-125			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		"	*2.50*		*95*	*60-150*			
Surrogate: Toluene-d8	*2.45*		"	*2.50*		*98*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.51*		"	*2.50*		*100*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7L27009 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7L27009-MS1)	**Source: MQL0732-03**			Prepared & Analyzed: 12/27/07						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0	ND	117	75-140			
Benzene	10.3	0.50	"	10.0	ND	103	80-120			
tert-Butyl alcohol	218	20	"	200	ND	109	80-125			
Di-isopropyl ether	10.9	0.50	"	10.0	ND	109	75-135			
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0	ND	113	80-135			
1,2-Dichloroethane	11.2	0.50	"	10.0	ND	112	65-145			
Ethanol	239	300	"	200	ND	119	50-150			
Ethyl tert-butyl ether	11.5	0.50	"	10.0	ND	115	80-135			
Ethylbenzene	10.8	0.50	"	10.0	ND	108	75-130			
Methyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	75-145			
Toluene	11.1	0.50	"	10.0	ND	111	80-125			
Xylenes (total)	33.1	0.50	"	30.0	ND	110	75-125			
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-150*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*55-130*			
Matrix Spike Dup (7L27009-MSD1)	**Source: MQL0732-03**			Prepared & Analyzed: 12/27/07						
tert-Amyl methyl ether	11.5	0.50	ug/l	10.0	ND	115	75-140	2	25	
Benzene	10.0	0.50	"	10.0	ND	100	80-120	3	20	
tert-Butyl alcohol	205	20	"	200	ND	103	80-125	6	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	75-135	3	25	
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0	ND	110	80-135	3	30	
1,2-Dichloroethane	10.9	0.50	"	10.0	ND	109	65-145	2	25	
Ethanol	247	300	"	200	ND	124	50-150	3	25	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	80-135	2	25	
Ethylbenzene	10.4	0.50	"	10.0	ND	104	75-130	4	20	
Methyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	75-145	4	25	
Toluene	10.8	0.50	"	10.0	ND	108	80-125	3	25	
Xylenes (total)	32.2	0.50	"	30.0	ND	108	75-125	3	20	
Surrogate: Dibromofluoromethane	*2.46*		"	*2.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-150*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*55-130*			

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: BP Heritage #11124, Oakland ,CA	MQL0732
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	12/28/07 09:20

Notes and Definitions

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

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.

9

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 11124
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda>11124
State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy): 12/26/2007

On-site Time: 1345	Temp: 55
Off-site Time: 1445	Temp: 55
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed: 0	Direction: NA

MQL 0737

Lab Name: TestAmerica	
Address: 885 Jarvis Drive	
Morgan Hill, CA 95937	
Lab PM: Lisa Race	
Tele/Fax: 408-782-8156 408-782-6308 (fax)	
BP/AR PM Contact: Paul Supple	
Address: 2010 Crow Canyon Place, Suite 150	
San Ramon, CA	
Tele/Fax: 925-275-3506	

BP/AR Facility No.:	11124
BP/AR Facility Address:	3315 High Street, Oakland
Site Lat/Long:	
California Global ID #:	T06001001919
Enfos Project No.:	G099D-0012
Provision or RCOP (circle one)	Provision
Phase/WBS:	04-Monitoring
Sub Phase/Task:	03-Analytical
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.:	E11124-04
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:	cjewitt@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: EDB	Requested Analysis: Ethanol by 8260	Requested Analysis: DRO	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	1407	12/20/07		X		01	4				X		X	X	X	X		
2	MW-2	1420	"		X		02	4				X		X	X	X	X		
3	MW-4	1433	"		X		03	4				X		X	X	X	X		
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name:	Hal Hansen
Sampler's Company:	Doulos Env
Shipment Date:	
Shipment Method:	
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	12/21	10:45		12/21/07	1045
	12/21	1640		12/21	1640
	12/21	2000		12/21	2000

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

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 0.6 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

pc

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP 11124
REC. BY (PRINT): Rachel Clark
WORKORDER: MQL0732

DATE REC'D AT LAB: 12/21/07
TIME REC'D AT LAB: 2000
DATE LOGGED IN: 12/27/07

For Regulatory Purposes?
___ DRINKING WATER
___ WASTE WATER
✓ OTHER

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~~	01	MW-1	4-VOA	—	—	W	12/20/07	
	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*								
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:	1.6°C								
Correction Factor:	−1								
Corrected Temp:	0.6°C								
Is corrected temp. 0-6°C?	(Yes) / No**								

**Exception (if any): Metals / Perchlorate
DFF on Ice or Problem COC

12/21/07 RC

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATIONS

Electronic Submittal Information

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**4Q07 GEO_WELL 11124**
Facility Global ID:	**T0600100919**
Facility Name:	**BP #11124**
Submittal Date/Time:	**12/19/2007 9:10:40 AM**
Confirmation Number:	**5417941033**

Back to Main Menu

Electronic Submittal Information

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**4Q07 GEO_WELL 11124 Revisit**
Facility Global ID:	**T0600100919**
Facility Name:	**BP #11124**
Submittal Date/Time:	**1/22/2008 1:48:40 PM**
Confirmation Number:	**4352857828**

Back to Main Menu

Electronic Submittal Information

Your EDF file has been successfully uploaded!

Confirmation Number: 7768624186
Date/Time of Submittal: 12/19/2007 9:08:05 AM
Facility Global ID: T0600100919
Facility Name: BP #11124
Submittal Title: 4Q07 GW Monitoring
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

BP #11124
3315 HIGH
OAKLAND, CA 94619

Regional Board - Case #: 01-0996
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: RO0000239
ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
7768624186	4Q07 GW Monitoring	Q4 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	12/19/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH,SW8015B
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 - NON-STANDARD SURROGATE USED	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

Electronic Submittal Information

BP #11124
3315 HIGH
OAKLAND, CA 94619

Regional Board - Case #: 01-0996
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: RO0000239
ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
6556847751	4Q07 GW Monitoring Revisit	Q4 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	1/25/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

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	Y
- MATRIX SPIKE DUPLICATE	Y
- 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