Atlantic Richfield Company
(a BP affiliated company)

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

27 July 2007

Re: Second 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

Second 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
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27 July 2007

Project No. 06-08-652

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

27 July 2007 Project No. 06-08-652

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

Attn.: Mr. Paul Supple

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

Dear Mr. Supple:

Attached is the *Second 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 Second Quarter 2007.

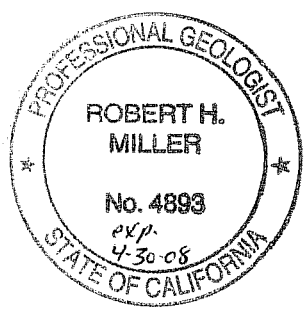
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus
Senior Engineer, P.E.

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



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Ms. Shelby Lathrop, ConocoPhillips (Submitted via WebXtender)
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:	NA

WORK PERFORMED THIS QUARTER (Second Quarter 2007):

1. Submitted First Quarter 2007 Ground-Water Monitoring Report.
2. Conducted ground-water monitoring/sampling for Second Quarter 2007. Work performed by Stratus Environmental, Inc. (Stratus) on 8 May 2007.
3. Prepared and submitted Initial Site Conceptual Model Report on 15 May 2007.

WORK PROPOSED FOR NEXT QUARTER (Third Quarter 2007):

1. Prepared and submitted Second Quarter 2007 Ground-Water Monitoring Report (contained herein).
2. Prepared and submitted Sensitive Receptor Survey on 16 July 2007.
3. Prepare and submit Preferential Pathway Analysis Report by 15 August 2007.
4. Conduct quarterly ground-water monitoring/sampling for Third Quarter 2007.

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:	**None**
Depth to ground water (below TOC):	**7.68 (MW-4) to 9.62 (MW-1)**
General ground-water flow direction:	**South-southwest**
Approximate hydraulic gradient:	**0.009 ft/ft**

DISCUSSION:

Second quarter 2007 ground-water monitoring/sampling was conducted at Former BP Station #11124 on 8 May 2007 by Stratus personnel. No irregularities were noted during depth to water level monitoring. Recent prior measurements of total depth in well MW-2 were found to be greatly reduced from its original installed depth. During the second quarter 2007 depth to water measurement, this was found to be caused by roots that had penetrated the well casing. An accurate depth to water level can be obtained if the water level sensor lowered within tubing pushed through the section containing the roots. Consistent with the monitoring frequency proposed in the Initial Site Conceptual Model report (BAI, 15 May 2007), depths to water levels were measured at the five existing wells at the Site. Depth to water level measurements ranged from 7.68 ft at MW-4 to 9.62 ft at MW-1. Calculated ground-water elevations ranged from 147.72 ft above mean sea level at MW-1 to 146.65 ft at MW-2. Water level elevations were within the historic minimum and maximum ranges with the following exceptions: MW-

5's water level elevation was a maximum of the two measurements on record; MW-6's water level elevation was a minimum of the two measurements on record. Water level monitoring field data sheets are provided within Appendix A. Depth to water measurements and calculated water level elevations are summarized within Table 1. Calculated water level elevations yielded a potentiometric ground-water flow direction and gradient of south-southwest at 0.009 ft/ft, consistent with historical data (see Table 3). Ground-water elevation contours are provided on Drawing 1.

Consistent with the sampling schedule proposed in the Initial Site Conceptual Model report (BAI, 15 May 2007), water samples were collected from wells MW-1, MW-2, MW-4, MW-5, and MW-6. No 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, Ethanol, 1,2-Dichloroethane, 1,2-Dibromomethane, Di-isopropyl ether, tert-Butyl alcohol (TBA), and tert-Amyl methyl ether (TAME) by EPA Method 8260B. The hydrocarbon result for GRO in wells MW-5 and MW-6 were partly due to individual peak(s) in the quantitation range. No other analytical irregularities were reported by the laboratory for the sample analyses.

Gasoline Range Organics (GRO) were detected above the laboratory reporting limit in two of the five wells sampled at concentrations up to 920 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 1,300 µg/L in well MW-5. TAME was detected above the laboratory reporting limit in two of the wells sampled at concentrations up to 7 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 with the following exceptions: GRO concentrations in MW-5 and MW-6 were maximums on record; MTBE concentration in MW-6 was maximum on record; MTBE concentration in MW-5 was minimum on record; TAME concentrations in wells MW-5 and MW-6 were maximums on record. 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 nine 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. At this time, no decision will be made 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, 8 May 2007, Former BP Service Station #11124, 3315 High Street, Oakland, California

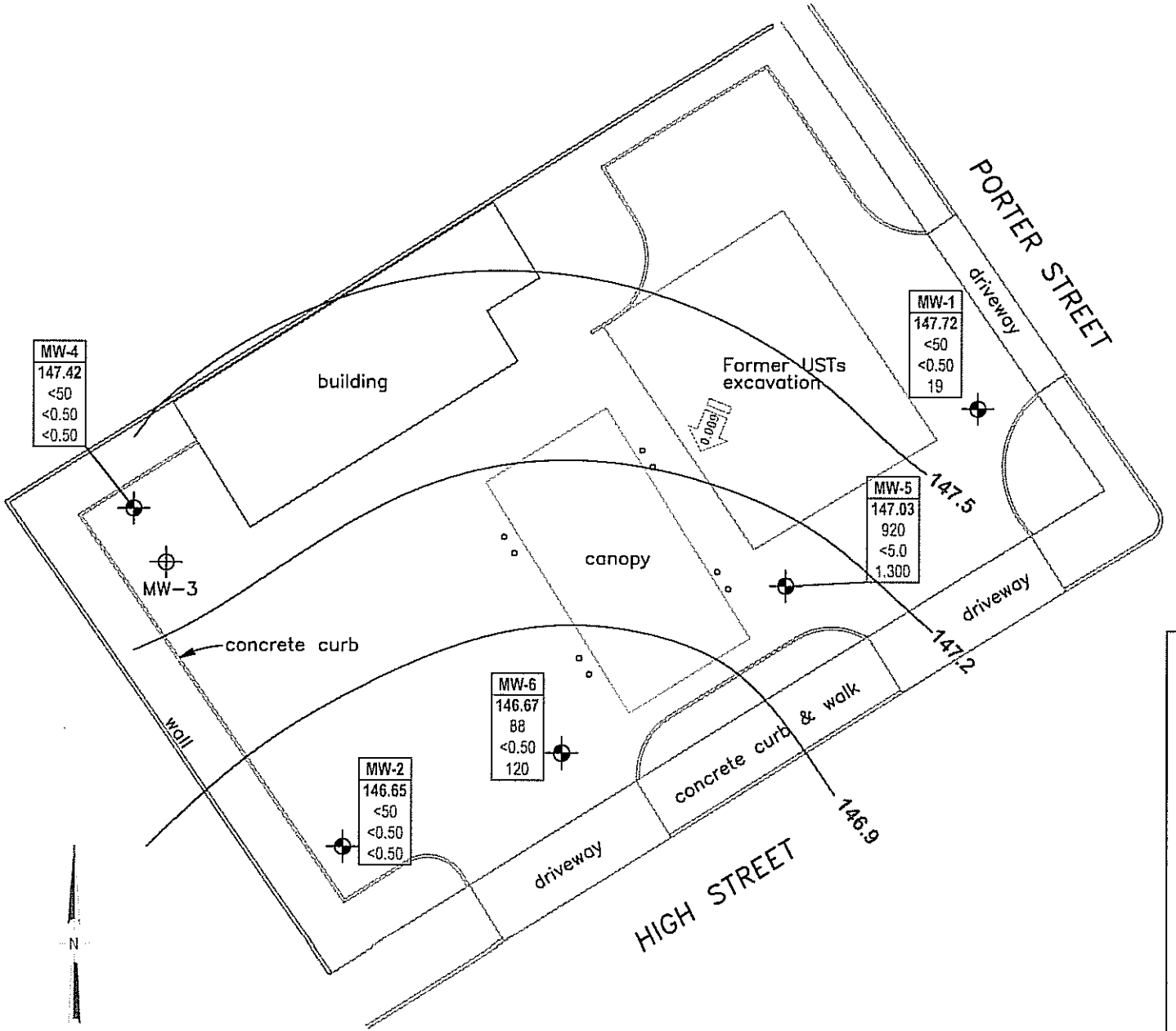
Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11124, 3315 High St., Oakland, CA

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 Confirmation



LEGEND

- Ground-water monitoring well
- Abandoned monitoring well
- Well — Well Designation
- ELEV — Ground-water elevation (ft MSL)
- GRO, Benzene & MTBE — GRO, Benzene & MTBE concentrations (µg/L)
- 146.9 — Ground-water elevation (ft MSL)
- Elevation not used in contours
- < Not detected at or above laboratory reporting limits
- 0.009 — 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: 6/15/07

Former Station #11124
3315 High Street
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
8 May 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**	**--**
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**	**--**
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	--	--
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**	**--**

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-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	e	155.45	8.42	--	147.03	920	<5.0	<5.0	<5.0	<5.0	1,300	3.26	TAMC	7.50	<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	e	154.59	7.92	--	146.67	88	<0.50	<0.50	<0.50	<0.50	120	1.87	TAMC	7.50	<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.

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	11	<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**	
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**	
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**	
MW-5									
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**	
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**	

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**

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-CUSTORDY DOCUMENTATION)

STRATUS
ENVIRONMENTAL, INC.

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

June 8, 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 (Quarterly Monitoring performed on May 8, 2007)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales
Date: May 8, 2007
Arrival: 9:30 *Departure:* 12:10
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 bill of lading, 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:

- Bill of Lading
- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

BP GEM OIL COMPANY

TYPE **A** BILL OF LADING

SOURCE RECORD BILL OF LADING FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGEWATER WHICH HAS BEEN RECOVERED FROM GROUNDWATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY BELSHIRE ENVIRONMENTAL TO SEAPORT ENVIRONMENTAL IN REDWOOD CITY, CALIFORNIA.

The contractors performing this work are Stratus Environmental, Inc. [Stratus, 3330 Cameron Park Drive, Suite 550, Cameron Park, CA 95682, (530) 676-6004], and Doulos Environmental, Inc. [Doulos, PO Box 2559, Orangevale, CA 95662, (916) 990-0333]. Stratus is authorized by BP GEM OIL COMPANY to recover, collect, and apportion into loads the non-hazardous well purgewater that is drawn from wells at BP GEM Oil Company facilities and deliver that purgewater to BP GEM Oil Company facility 5786 located in West Sacramento, California. Doulos also performs these services under subcontract to Stratus. Transport routing of the non-hazardous well purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The non-hazardous well purgewater is and remains the property of BP GEM Oil Company.

This **Source Record BILL OF LADING** was initiated to cover the recovery of non-hazardous well purgewater from wells at the BP GEM Oil Company facility described below:

11124

Station #

Oakland – 3315 High Street

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

60

Added Equipment Rinse Water 5

Any Other Adjustments 0

TOTAL GALS. RECOVERED 65

loaded onto Doulos vehicle # _____

Stratus Project # _____

time 1230 date 5/8/07

Signature Jerry G

* *

RECEIVED AT _____ time _____ date ___/___/___

Unloaded by Signature _____

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

AK-930 @ 12:10

Gauge Date: _____ Project Name: *Oakland - 3315 High Street*

Field Technician: _____ 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	10:05			9.62	34.91					
MW-2	10:01			7.70	28.80					
MW-4	9:58			7.68	30.18					
MW-5	10:05			8.92	29.82					
MW-6	10:03			7.92	29.55					

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 5-8-07 START (2400hr) 10:10 END (2400hr) 10:13

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 10:20

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

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

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

DEPTH TO BOTTOM (feet) = 39.47 CASING VOLUME (gal) = 4.2

DEPTH TO WATER (feet) = 9.62 CALCULATED PURGE (gal) = 12.6

WATER COLUMN HEIGHT (feet) = 24.8 ACTUAL PURGE (gal) = 13.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	10:11	4.3	22.8	399.3	7.37	clear	
1	10:12	8.9	22.6	332.9	7.25	clear	
1	10:13	13.0	21.9	315.0	7.01	1	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 11.49 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: See work order

ODOR: No SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl 1 LT NP

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
X Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	X Bailer (___ PVC or X disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: 25			

WELL INTEGRITY: Good LOCK#: None

REMARKS: DO. 2.65

SIGNATURE: Page ___ of ___

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 5-8-07 | START (2400hr) 11:15 | END (2400hr) 11:18

DATE SAMPLED 5-8-07 | SAMPLE TIME (2400hr) 11:25

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) = 3.5

DEPTH TO WATER (feet) = 7.70 | CALCULATED PURGE (gal) = 10.9

WATER COLUMN HEIGHT (feet) = 21.1 | ACTUAL PURGE (gal) = 11.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	11:16	3.5	24.2	636	7.28	cloudy	
/	11:17	7.3	23.3	651	7.15	/	
/	11:18	11.0	23.1	590	7.12	/	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 7.6J | SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO | ANALYSES: See work order

ODOR: no | SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL - 1 L T NP

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#: Master

REMARKS: DO 2.40

SIGNATURE: [signature]

Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

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

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

LOCATION: Oakland - 3315 High Street | QA SAMPLES:

DATE PURGED 5-8-07 | START (2400hr) 11:33 | END (2400hr) 11:36

DATE SAMPLED 5-8-07 | SAMPLE TIME (2400hr) 11:42

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) = 30.18 | CASING VOLUME (gal) = 3.9

DEPTH TO WATER (feet) = 7.68 | CALCULATED PURGE (gal) = 11.7

WATER COLUMN HEIGHT (feet) = 23.6 | ACTUAL PURGE (gal) = 120

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	11:34	4	21.2	474.2	7.30	cloudy	
"	11:35	8	21.1	472.6	7.30	"	
"	11:36	12	20.2	464.6	7.28	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 8.83 | SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO | ANALYSES: see work order

ODOR: No | SAMPLE VESSEL / PRESERVATIVE: 3 VOC-HCL 1-LT NP

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)
✓ Bailer (___ PVC or ✓ disposable)
___ Bailer (Stainless Steel)
___ Dedicated ____

Other: ____

WELL INTEGRITY: Good | LOCK#: ✓

REMARKS: DO 2.78

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 5-8-07 START (2400hr) 10:30 END (2400hr) 10:38

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 10:45

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) = 3.6

DEPTH TO WATER (feet) = 8.42 CALCULATED PURGE (gal) = 10.8

WATER COLUMN HEIGHT (feet) = 21.4 ACTUAL PURGE (gal) = 12.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	10:31	4	25.3	519	3.02	clear	
"	10:32	8	24.3	531	3.43	"	
"	10:33	12	24.1	585	2.58	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 12.81 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ___ NO ANALYSES: See work order

ODOR: NP SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCl - 1 LT NP

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)
___ Bailer (___ PVC or X disposable)
X Bailer (Stainless Steel)
___ Dedicated ____

Other: ____

WELL INTEGRITY: Good LOCK#: 120/120

REMARKS: DO - 3.26

SIGNATURE: [signature] Page ___ of ___

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

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

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

LOCATION: **Oakland - 3315 High Street** QA SAMPLES:

DATE PURGED 5-8-07 START (2400hr) 10:56 END (2400hr) 10:59

DATE SAMPLED 5-8-07 SAMPLE TIME (2400hr) 11:10

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) = 3.6

DEPTH TO WATER (feet) = 7.92 CALCULATED PURGE (gal) = 11.0

WATER COLUMN HEIGHT (feet) = 21.6 ACTUAL PURGE (gal) = 12.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
5-8-07	10:57	4	25.3	638	7.49	clear	
"	10:58	8	25.1	619	7.55	"	
"	10:59	12	24.6	608	7.58	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.49 SAMPLE TURBIDITY: clear

80% RECHARGE: ___ YES ___ NO ANALYSES: See work order

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCl 1 L-T NP

PURGING EQUIPMENT

- ___ Bladder Pump
- ✓ 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)
- ✓ Bailer (___ PVC or ✓ disposable)
- ___ Bailer (Stainless Steel)
- ___ Dedicated ___

Other: ___

WELL INTEGRITY: Good LOCK#: Double

REMARKS: DO. 189

SIGNATURE: [signature]

Page ___ of ___

Wellhead Observation Form

Account: _____

Sampled by: Jerry Date: 5.8-07

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

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:	7.30	Temp:	70
Off-site Time:	12:10	Temp:	77
Sky Conditions:	Clear		
Meteorological Events:	none		
Wind Speed:	0	Direction:	

Lab Name: TestAmerica	BP/AR Facility No.: 11124	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 3315 High Street, Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T06001001919	Consultant/Contractor Project No.: E11124-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G099D-0012	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No:

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 by 8015M	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	1020	5-8-7		X			4				X		X	X	X	X	X	
2	MW-2	1125	"		X			4				X		X	X	X	X	X	
3	MW-4	1142	"		X			4				X		X	X	X	X	X	
4	MW-5	1045	"		X			4				X		X	X	X	X	X	
5	MW-6	1110	"		X			4				X		X	X	X	X	X	
6	TB 11124 5607	500	"		X			2				X		X	X	X	X	X	HOLD
7																			
8																			
9																			
10																			

Sampler's Name: Jerry Gonzales	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Dublos ENV		5/9 07	1315		5/9 07	1315
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

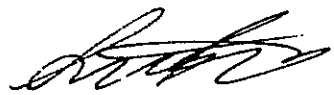
8 June, 2007

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

RE: BP Heritage #11124, Oakland ,CA
Work Order: MQE0363

Enclosed are the results of analyses for samples received by the laboratory on 05/09/07 20:45. 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

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Morgan Hill, CA 95037
(408) 776-9600
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www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MQE0363-01	Water	05/08/07 10:20	05/09/07 20:45
MW-2	MQE0363-02	Water	05/08/07 11:25	05/09/07 20:45
MW-4	MQE0363-03	Water	05/08/07 11:42	05/09/07 20:45
MW-5	MQE0363-04	Water	05/08/07 10:45	05/09/07 20:45
MW-6	MQE0363-05	Water	05/08/07 11:10	05/09/07 20:45
TB 11124 5807	MQE0363-06	Water	05/08/07 05:00	05/09/07 20:45

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
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www.testamericainc.com

Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQE0363-01) Water Sampled: 05/08/07 10:20 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7E17004	05/17/07	05/17/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	
MW-2 (MQE0363-02) Water Sampled: 05/08/07 11:25 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7E18018	05/17/07	05/18/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*91 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-135*		"	"	"	"	
MW-4 (MQE0363-03) Water Sampled: 05/08/07 11:42 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7E17004	05/17/07	05/17/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*60-135*		"	"	"	"	
MW-5 (MQE0363-04) Water Sampled: 05/08/07 10:45 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	**920**	500	ug/l	10	7E17004	05/17/07	05/17/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	

TestAmerica
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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MQE0363-05) Water Sampled: 05/08/07 11:10 Received: 05/09/07 20:45									
Gasoline Range Organics (C4-C12)	**88**	50	ug/l	1	7E17004	05/17/07	05/17/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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 (MQE0363-01) Water Sampled: 05/08/07 10:20 Received: 05/09/07 20:45									
Diesel Range Organics (C10-C36)	ND	49	ug/l	1	7E14021	05/14/07	06/06/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*85 %*	*30-115*		"	"	"	"	
MW-2 (MQE0363-02) Water Sampled: 05/08/07 11:25 Received: 05/09/07 20:45									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7E14021	05/14/07	06/06/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*82 %*	*30-115*		"	"	"	"	
MW-4 (MQE0363-03) Water Sampled: 05/08/07 11:42 Received: 05/09/07 20:45									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7E14021	05/14/07	06/06/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*81 %*	*30-115*		"	"	"	"	
MW-5 (MQE0363-04) Water Sampled: 05/08/07 10:45 Received: 05/09/07 20:45									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7E14021	05/14/07	06/06/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*88 %*	*30-115*		"	"	"	"	
MW-6 (MQE0363-05) Water Sampled: 05/08/07 11:10 Received: 05/09/07 20:45									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7E14021	05/14/07	06/06/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*86 %*	*30-115*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQE0363-01) Water Sampled: 05/08/07 10:20 Received: 05/09/07 20:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7E17004	05/17/07	05/17/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**19**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	
MW-2 (MQE0363-02) Water Sampled: 05/08/07 11:25 Received: 05/09/07 20:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7E17004	05/17/07	05/17/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*60-135*		"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MQE0363-03) Water Sampled: 05/08/07 11:42 Received: 05/09/07 20:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7E17004	05/17/07	05/17/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*60-135*		"	"	"	"	
MW-5 (MQE0363-04) Water Sampled: 05/08/07 10:45 Received: 05/09/07 20:45									
tert-Amyl methyl ether	**7.0**	5.0	ug/l	10	7E17004	05/17/07	05/17/07	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	3000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1300**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*60-135*		"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MQE0363-05) Water Sampled: 05/08/07 11:10 Received: 05/09/07 20:45									
tert-Amyl methyl ether	**0.61**	0.50	ug/l	1	7E17004	05/17/07	05/17/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**120**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*60-135*		"	"	"	"	

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3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E17004 - EPA 5030B P/T / LUFT GCMS										
Blank (7E17004-BLK1)				Prepared & Analyzed: 05/17/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.53*		"	*2.50*		*101*	*60-125*			
Surrogate: Dibromofluoromethane	*2.47*		"	*2.50*		*99*	*75-120*			
Surrogate: Toluene-d8	*2.58*		"	*2.50*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.58*		"	*2.50*		*103*	*60-135*			
Laboratory Control Sample (7E17004-BS2)				Prepared & Analyzed: 05/17/07						
Gasoline Range Organics (C4-C12)	526	50	ug/l	500		105	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.49*		"	*2.50*		*100*	*60-125*			
Surrogate: Dibromofluoromethane	*2.52*		"	*2.50*		*101*	*75-120*			
Surrogate: Toluene-d8	*2.56*		"	*2.50*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.70*		"	*2.50*		*108*	*60-135*			
Laboratory Control Sample Dup (7E17004-BSD2)				Prepared & Analyzed: 05/17/07						
Gasoline Range Organics (C4-C12)	551	50	ug/l	500		110	65-120	5	20	
Surrogate: 1,2-Dichloroethane-d4	*2.54*		"	*2.50*		*102*	*60-125*			
Surrogate: Dibromofluoromethane	*2.54*		"	*2.50*		*102*	*75-120*			
Surrogate: Toluene-d8	*2.63*		"	*2.50*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.68*		"	*2.50*		*107*	*60-135*			
Batch 7E18018 - EPA 5030B P/T / LUFT GCMS										
Blank (7E18018-BLK1)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-125*			
Surrogate: Dibromofluoromethane	*2.36*		"	*2.50*		*94*	*75-120*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.37*		"	*2.50*		*95*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E18018 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (7E18018-BS2)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	386	50	ug/l	500		77	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.70*		"	*2.50*		*108*	*60-125*			
Surrogate: Dibromofluoromethane	*2.49*		"	*2.50*		*100*	*75-120*			
Surrogate: Toluene-d8	*2.28*		"	*2.50*		*91*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.40*		"	*2.50*		*96*	*60-135*			
Laboratory Control Sample Dup (7E18018-BSD2)				Prepared & Analyzed: 05/18/07						
Gasoline Range Organics (C4-C12)	405	50	ug/l	500		81	65-120	5	20	
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*60-125*			
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-120*			
Surrogate: Toluene-d8	*2.32*		"	*2.50*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-135*			

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3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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 7E14021 - EPA 3510C / EPA 8015B-SVOA										
Blank (7E14021-BLK1)				Prepared: 05/14/07 Analyzed: 06/06/07						
Diesel Range Organics (C10-C36)	ND	50	ug/l							
Surrogate: n-Octacosane	*42.2*		"	*50.0*		*84*	*30-115*			
Laboratory Control Sample (7E14021-BS1)				Prepared: 05/14/07 Analyzed: 06/06/07						
Diesel Range Organics (C10-C36)	372	50	ug/l	500		74	40-115			
Surrogate: n-Octacosane	*42.9*		"	*50.0*		*86*	*30-115*			
Laboratory Control Sample Dup (7E14021-BSD1)				Prepared: 05/14/07 Analyzed: 06/06/07						
Diesel Range Organics (C10-C36)	366	50	ug/l	500		73	40-115	2	25	
Surrogate: n-Octacosane	*42.3*		"	*50.0*		*85*	*30-115*			

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3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E17004 - EPA 5030B P/T / EPA 8260B										
Blank (7E17004-BLK1)				Prepared & Analyzed: 05/17/07						
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	*2.47*		"	*2.50*		*99*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		"	*2.50*		*101*	*60-125*			
Surrogate: Toluene-d8	*2.58*		"	*2.50*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.58*		"	*2.50*		*103*	*60-135*			
Laboratory Control Sample (7E17004-BS1)				Prepared & Analyzed: 05/17/07						
tert-Amyl methyl ether	12.2	0.50	ug/l	10.0		122	65-135			
Benzene	11.8	0.50	"	10.0		118	75-120			
tert-Butyl alcohol	227	20	"	200		114	60-135			
Di-isopropyl ether	11.8	0.50	"	10.0		118	70-130			
1,2-Dibromoethane (EDB)	11.9	0.50	"	10.0		119	80-135			
1,2-Dichloroethane	12.0	0.50	"	10.0		120	70-125			
Ethanol	203	300	"	200		102	15-150			
Ethyl tert-butyl ether	11.8	0.50	"	10.0		118	65-130			
Ethylbenzene	11.8	0.50	"	10.0		118	75-120			
Methyl tert-butyl ether	11.7	0.50	"	10.0		117	50-140			
Toluene	12.0	0.50	"	10.0		120	75-120			
Xylenes (total)	35.9	0.50	"	30.0		120	75-120			
Surrogate: Dibromofluoromethane	*2.53*		"	*2.50*		*101*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.62*		"	*2.50*		*105*	*60-125*			
Surrogate: Toluene-d8	*2.64*		"	*2.50*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.56*		"	*2.50*		*102*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	Reported:
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7E17004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7E17004-MS1)	**Source: MQE0363-01**			Prepared & Analyzed: 05/17/07						
tert-Amyl methyl ether	13.0	0.50	ug/l	10.0	ND	130	65-135			
Benzene	12.4	0.50	"	10.0	ND	124	75-120			LM
tert-Butyl alcohol	237	20	"	200	ND	118	60-135			
Di-isopropyl ether	12.5	0.50	"	10.0	ND	125	70-130			
1,2-Dibromoethane (EDB)	13.4	0.50	"	10.0	ND	134	80-135			
1,2-Dichloroethane	12.5	0.50	"	10.0	ND	125	70-125			
Ethanol	182	300	"	200	ND	91	15-150			
Ethyl tert-butyl ether	12.4	0.50	"	10.0	ND	124	65-130			
Ethylbenzene	12.2	0.50	"	10.0	ND	122	75-120			LM
Methyl tert-butyl ether	32.6	0.50	"	10.0	19	136	50-140			
Toluene	12.4	0.50	"	10.0	ND	124	75-120			LM
Xylenes (total)	37.1	0.50	"	30.0	ND	124	75-120			LM
Surrogate: Dibromofluoromethane	*2.60*		"	*2.50*		*104*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.62*		"	*2.50*		*105*	*60-125*			
Surrogate: Toluene-d8	*2.62*		"	*2.50*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-135*			
Matrix Spike Dup (7E17004-MSD1)	**Source: MQE0363-01**			Prepared & Analyzed: 05/17/07						
tert-Amyl methyl ether	12.0	0.50	ug/l	10.0	ND	120	65-135	8	25	
Benzene	11.4	0.50	"	10.0	ND	114	75-120	8	20	
tert-Butyl alcohol	217	20	"	200	ND	108	60-135	9	25	
Di-isopropyl ether	11.8	0.50	"	10.0	ND	118	70-130	6	25	
1,2-Dibromoethane (EDB)	11.9	0.50	"	10.0	ND	119	80-135	12	30	
1,2-Dichloroethane	11.7	0.50	"	10.0	ND	117	70-125	7	25	
Ethanol	182	300	"	200	ND	91	15-150	0	25	
Ethyl tert-butyl ether	11.5	0.50	"	10.0	ND	115	65-130	8	25	
Ethylbenzene	11.0	0.50	"	10.0	ND	110	75-120	10	20	
Methyl tert-butyl ether	31.8	0.50	"	10.0	19	128	50-140	2	25	
Toluene	11.4	0.50	"	10.0	ND	114	75-120	8	25	
Xylenes (total)	33.7	0.50	"	30.0	ND	112	75-120	10	20	
Surrogate: Dibromofluoromethane	*2.65*		"	*2.50*		*106*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		"	*2.50*		*101*	*60-125*			
Surrogate: Toluene-d8	*2.56*		"	*2.50*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.50*		"	*2.50*		*100*	*60-135*			

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQE0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	06/08/07 13:23

Notes and Definitions

SG	A silica gel cleanup procedure was performed.
PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
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: Monday, May 14, 2007 11:56 AM
To: Lisa Race
Subject: RE: possible problem COC for BP#11124 - MQE0363
Attachments: Revised COC 11124.pdf

Hi Lisa,

The correct number is T0600100919, I've attached a revised COC.

REVISED

Thank you.

Sandy Hayes
Stratus Environmental, Inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682
shayes@stratusinc.net
Phone: 530-676-6004
Fax: 530.676.6005

-----Original Message-----
From: Lisa Race [mailto:lrace@testamericainc.com]
Sent: Monday, May 14, 2007 9:48 AM
To: knagaraju@stratusinc.net; scarter@stratusinc.net; Sandy Hayes; Sonia Nandi
Subject: possible problem COC for BP#11124 - MQE0363

Please check the global ID on this COC. It has 12 digits. Let me know if it is correct.

Lisa Race
Senior Project Manager, Morgan Hill, CA
TestAmerica Analytical Testing Corporation
Tel.: 408-776-9600
Direct.: 408-782-8156
Fax: 408-782-6308
e-mail: lrace@testamericainc.com
NOTE NEW E-MAIL ADDRESS

Atlantic Richfield Company
bp
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: 9.30	Temp: 70
Off-site Time: 12:16	Temp: 77
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 #:	~~T0600100191~~ T0600100519
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 I with EDF
E-mail EDD To:	shayes@stratusinc.net
Invoice to:	Atlantic Richfield Co.

Lab Bottle Order No: MQE0363

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 by 8015M	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	1020	5-8-7		X		-01	4				X		X	X	X	X	X	
2	MW-2	1125	"		X		-02	4				X		X	X	X	X	X	
3	MW-4	1142	"		X		-03	4				X		X	X	X	X	X	
4	MW-5	1045	"		X		-04	4				X		X	X	X	X	X	
5	MW-6	1110	"		X		-05	4				X		X	X	X	X	X	REVISED
6	TB 11124 5607	560	"		X		-06	2				X		X	X	X	X	X	
7																			HOLD
8																			
9																			
10																			

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

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	5/9	1315		5/9 07	1315
	5/9/07	1600		5/9/07	1600
Tesc	5/9/07	2045	Cindy Medeiros	5/9/07	2045

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

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 4.2 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP COC Rev. 5 10/11/2006

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:	9.30	Temp:	70
Off-site Time:	12:10	Temp:	77
Sky Conditions:	clear		
Meteorological Events:	none		
Wind Speed:	0	Direction:	

Lab Name: TestAmerica	BP/AR Facility No.: 11124	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 3315 High Street, Oakland	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID #: T06001001919	Consultant/Contractor Project No.: E11124-04
Tele/Fax: 408-782-8156 408-782-6308 (fax)	Enfos Project No.: G099D-0012	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or RCOP (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 04-Monitoring	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506	Cost Element: 01-Contractor labor	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No: MQE0363

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 by 8015M	Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA
1	MW-1	1020	5-8-7		X		-01	4				X		X	X	X	X	X	
2	MW-2	1125	"		X		-02	4				X		X	X	X	X	X	
3	MW-4	1142	"		X		-03	4				X		X	X	X	X	X	
4	MW-5	1045	"		X		-04	4				X		X	X	X	X	X	
5	MW-6	1110	"		X		-05	4				X		X	X	X	X	X	
6	TB 11124 5607	5:00	"		X		-06	2				X		X	X	X	X	X	HOLD
7																			
8																			
9																			
10																			

Sampler's Name:	Jerry Gonzales	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Doulos ENV		5/9/07	1315		5/9/07	1315
Shipment Date:			5/9/07	1600		5/9/07	1600
Shipment Method:			5/9/07	2045		5/9/07	2045
Shipment Tracking No:							

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

Custody Seals In Place: Yes / (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 9.2 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: Arco 11124
REC. BY (PRINT) A.M.
WORKORDER: MQE0363

DATE REC'D AT LAB: 5/9/07
TIME REC'D AT LAB: 2045
DATE LOGGED IN: 5/11/07

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)		MW-1	3 VOA	HCl	2	L	5/8/07	
	Intact / Broken*		↓	1(4) Amber	—				
2. Chain-of-Custody	(Present) / Absent*		MW-2	SAME	SAME				
3. Traffic Reports or			MW-4						
Packing List:	Present / (Absent)		MW-5						
4. Airbill:	Airbill / Sticker		MW-6						
	Present / (Absent)		TB 11124	2 VOA	HCl				
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:	4.2°C								
Corrected Temp:	4.2°C								
Is corrected temp 4 +/-2°C?	(Yes) / No**								

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / OFF ON ICE or Problem COC

5/9/07 A.M.

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**2Q07 GEO_WELL 11124**
Facility Global ID:	**T0600100919**
Facility Name:	**BP #11124**
Submittal Date/Time:	**7/2/2007 4:46:19 PM**
Confirmation Number:	**4960754215**

Back to Main Menu

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 4332924187
Date/Time of Submittal: 7/2/2007 4:43:38 PM
Facility Global ID: T0600100919
Facility Name: BP #11124
Submittal Title: 2Q07 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
4332924187	2Q07 GW Monitoring	Q2 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	7/2/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
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	10
METHOD HOLDING TIME VIOLATIONS	10
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