Atlantic Richfield Company
(a BP affiliated company)

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

26 October 2007

Re: Third 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

Third 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
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(530) 566-1400
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26 October 2007

Project No. 06-08-652

Broadbent & Associates, Inc.
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

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

Dear Mr. Supple:

Attached is the *Third 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 Third Quarter 2007.

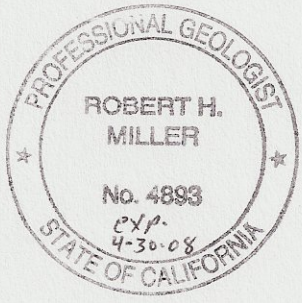
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.
Senior Engineer

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



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:	NA

WORK PERFORMED THIS QUARTER (Third Quarter 2007):

1. Submitted Second Quarter 2007 Ground-Water Monitoring Report.
2. Submitted Sensitive Receptor Survey. Report prepared by BAI, dated 16 July 2007.
3. Conducted ground-water monitoring/sampling for Third Quarter 2007. Work performed by Stratus Environmental, Inc. (Stratus) on 7 August 2007.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2007):

1. Submitted Preferential Pathway Survey. Report prepared by BAI, dated 15 October 2007.
2. Prepared and submitted Third Quarter 2007 Ground-Water Monitoring Report (contained herein).
3. Conduct quarterly ground-water monitoring/sampling for Fourth Quarter 2007.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Ground-Water Monitoring/Sampling**
Frequency of ground-water monitoring:	**Quarterly: 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):	**9.77 (MW-2) to 10.82 (MW-1)**
General ground-water flow direction:	**Southwest**
Approximate hydraulic gradient:	**0.01 ft/ft**

DISCUSSION:

Third quarter 2007 ground-water monitoring/sampling was conducted at Former BP Station #11124 on 7 August 2007 by Stratus personnel. No irregularities were noted during water level gauging. Depth to water level measurements ranged from 9.77 ft at MW-2 to 10.82 ft at MW-1. Resulting ground-water surface elevations ranged from 146.52 ft above mean sea level (msl) at well MW-1 to 144.58 ft above msl at well MW-2. Water level elevations were within the historic minimum and maximum ranges with the following exceptions: the water level elevation in wells MW-5 and MW-6 reached historic minimum values of 145.57 ft above msl and 144.74 ft above msl, respectively. 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. 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 (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 1,300 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 1,600 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 and MTBE concentrations in well MW-5 reached historic maximum values of 1,300 µg/L and 1,600 µg/L, respectively and GRO and MTBE concentrations in well MW-6 reached historic minimum values of 67 µg/L and 85 µg/L, respectively. 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.

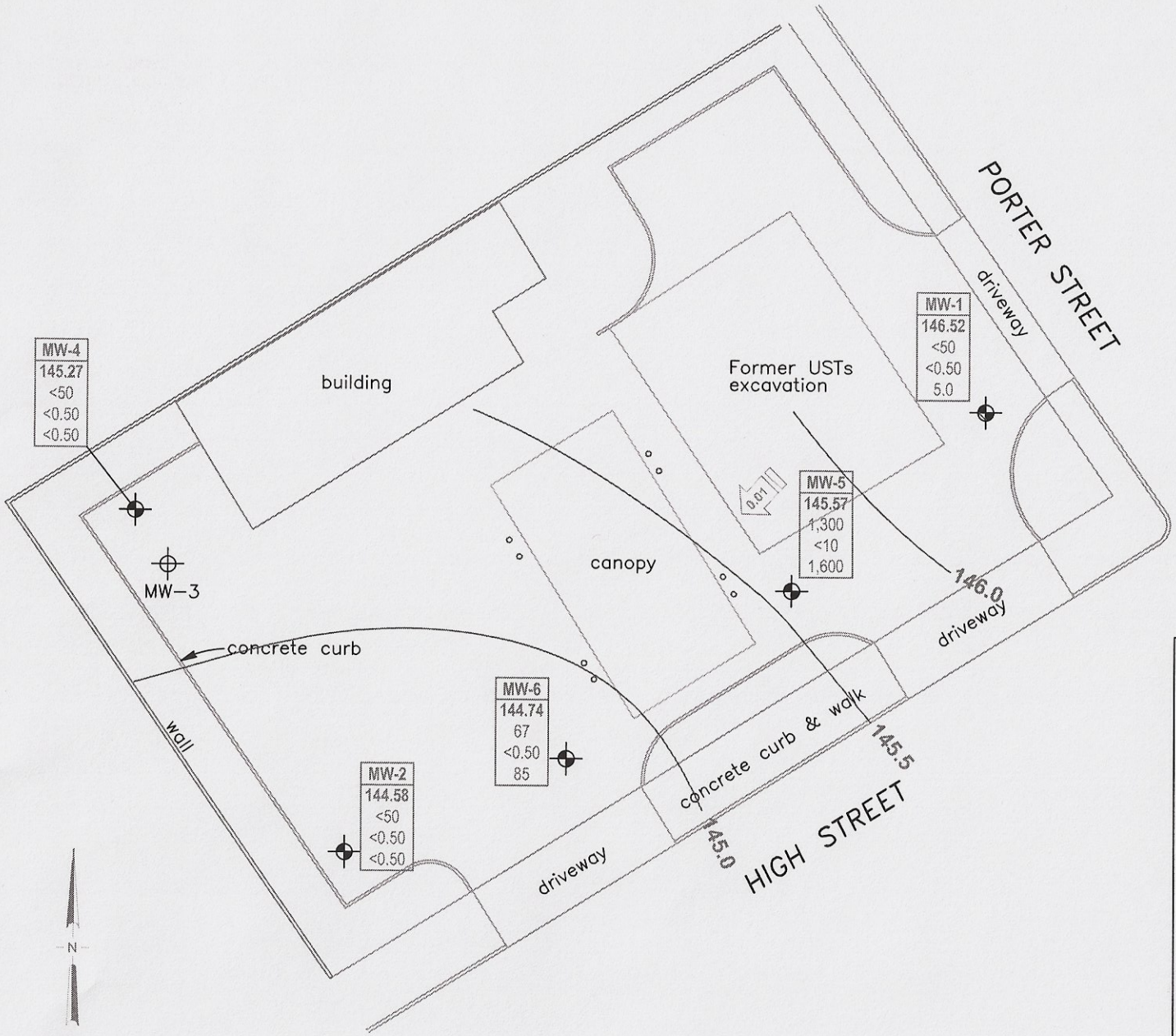
As hydrocarbon contaminants have not been detected to date in monitoring well MW-2 and rarely in well MW-4 (MTBE detected in one of nine quarters sampled), BAI proposes modification of the future monitoring and sampling schedule. BAI proposes continued quarterly monitoring of depths to ground-water from 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, 7 August 2007, Former BP Service Station #11124, 3315 High Street, Oakland, California



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: 10/19/07

Former Station #11124
3315 High Street
Oakland, California

Ground-Water Elevation Contours and Analytical Summary Map
7 August 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**	**--**
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**	**--**
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	--	--

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.																	
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**	**--**
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**	**--**
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**	**--**

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	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**	
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**	
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**	
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	
8/7/2007	**<6,000**	**<400**	**1,600**	**<10**	**<10**	**<10**	**<10**	**<10**	

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-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**	

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**

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

APPENDIX A

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

STRATUS
ENVIRONMENTAL, INC.

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

September 6, 2007

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

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

General Information

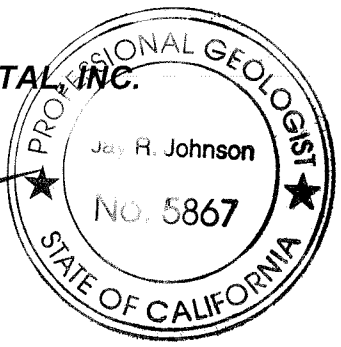
Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson
Phone Number: (530) 676-6000
On-Site Supplier Representative: Jerry Gonzales

Sampling Date: August 7, 2007
Arrival: 15:20 *Departure:* 18:15
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-15:20 DD-16-15

Gauge Date: 8-7-07 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	15:36			10.82	34.73					
MW-2	15:32			9.77	32.80					
MW-4	15:34			9.83	30.18					
MW-5	15:30			9.88	29.82					
MW-6	15:28			9.85	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 8.7.07 START (2400hr) 15.42 END (2400hr) 15:45

DATE SAMPLED 8.7.07 SAMPLE TIME (2400hr) 15:50

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) = 34.97 CASING VOLUME (gal) = 4.0

DEPTH TO WATER (feet) = 10.82 CALCULATED PURGE (gal) = 12.0

WATER COLUMN HEIGHT (feet) = 23.6 ACTUAL PURGE (gal) = 12.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.7.07	15:43	4	22.1	355.7	7.40	clear	
"	15:44	8	22.8	293	7.35	clear	
"	15:45	12.0	23.1	298.1			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 12.4 SAMPLE TURBIDITY: Clear

80% RECHARGE: x YES ____ NO ANALYSES: 5W8

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL-1 LT amber UP

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 2.15

SIGNATURE: [signature] Page ____ of ____

BP ALAMEDA PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

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

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

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 8.7.07 START (2400hr) 16:26 END (2400hr) 16:29

DATE SAMPLED 8.7.07 SAMPLE TIME (2400hr) 16:35

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) = 3.2

DEPTH TO WATER (feet) = 9.77 CALCULATED PURGE (gal) = 9.7

WATER COLUMN HEIGHT (feet) = 19.0 ACTUAL PURGE (gal) = 10.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.7.07	16:27	3.3	22.6	508	6.19	Clear	
"	16:28	6.6	21.1	518	7.22	"	
"	16:29	10.0	20.9	522	7.19	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.18 SAMPLE TURBIDITY: Clear

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

ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 VOA-HCL - 1 LT AMBER

PURGING EQUIPMENT

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

Other: ____

Pump Depth: 20

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 2.43

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 8.7.07 START (2400hr) 1602 END (2400hr) 1606

DATE SAMPLED 8.7.07 SAMPLE TIME (2400hr) 1612

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) = 3.4

DEPTH TO WATER (feet) = 9.88 CALCULATED PURGE (gal) = 10.2

WATER COLUMN HEIGHT (feet) = 20.3 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.7.07	1604	3.5	72.5	503	6.38	clear	
"	1605	7.0	72.0	501	7.07	"	
"	1606	10.5	72.5	1635.8	7.13	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.41 SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ___ NO ANALYSES: SW-8

ODOR: no SAMPLE VESSEL / PRESERVATIVE: 3 x 40 ml HCl - 1 L amber 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#: MA179

REMARKS: DO 3.70

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: J SAMPLE I.D.: MW-5

LOCATION: Oakland - 3315 High Street QA SAMPLES:

DATE PURGED 8.7.07 START (2400hr) 12:23 END (2400hr) 12:26

DATE SAMPLED 8.7.07 SAMPLE TIME (2400hr) 12:32

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) = 9.88 CALCULATED PURGE (gal) = 10.1

WATER COLUMN HEIGHT (feet) = 19.9 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8.7.07	1324	3.4	22.0	567	7.30	clear	
"	1325	7.0	21.8	552	7.32	"	
"	1326	10.5	22.2	529	7.34	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.69 SAMPLE TURBIDITY: clear

80% RECHARGE: X YES ____ NO ANALYSES: SVOC

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

PURGING EQUIPMENT

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

Other: ____

Pump Depth: 20

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 3.54

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 8-7-07 START (2400hr) 1703 END (2400hr) 1707

DATE SAMPLED 8-7-07 SAMPLE TIME (2400hr) 15:10

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) = 3.2

DEPTH TO WATER (feet) = 9.85 CALCULATED PURGE (gal) = 10.0

WATER COLUMN HEIGHT (feet) = 19.7 ACTUAL PURGE (gal) = 10.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8-7-07	1705	2.4	22.6	623	7.05	clear	
"	17:06	6.8	22.9	623	7.17	"	
"	17:07	10.5	23.1	602	7.23	"	

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.09 SAMPLE TURBIDITY: clear

80% RECHARGE: x YES ____ NO ANALYSES: 5260

ODOR: none SAMPLE VESSEL / PRESERVATIVE: 3 VOA - HCl - 4°C

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 3.60

SIGNATURE: [signature] Page ____ of ____

Wellhead Observation Form

Account: _____

Sampled by: Jerry Date: 8.7.07

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

NO. 662252

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

SITE:

NAME BP WEST COAST PRODUCTS LLC ARCO # 11127

EPA I.D. NO. NOT REQUIRED

PROFILE NO.

ADDRESS P.O. BOX 80249
RANCHO SANTA MARGARITA

CITY, STATE, ZIP CA 92688

PHONE NO. ( )

CONTAINERS: No. _____ VOLUME 1 Cubic Yard WEIGHT _____

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

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

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	5.		
2. TPH		<1%	6.		
3.			7. BTEX		
4.			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 Meathart RES for BP — 8/7/07

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

Transporter #1 Transporter #2

NAME STRATUS ENVIRONMENTAL

EPA I.D. NO.

ADDRESS 3330 CAMERON PARK DRIVE STE 550

SERVICE ORDER NO.

CITY, STATE, ZIP CAMERON PARK CA 95682

PICK UP DATE

PHONE NO. 530-676-6004

Jerry Cunha — 8/7/07

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

TSD FACILITY

NAME SEAPORT REFINING & ENVIRONMENTAL, LLC

EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 700 SEAPORT BLVD.

☐ LANDFILL ☐ OTHER _____

CITY, STATE, ZIP REDWOOD CITY, CA 94063

PHONE NO. 650-364-1024

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HW/OF NONE	DISCREPANCY

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:	15:20 Temp: 65
Off-site Time:	18:15 Temp: 68
Sky Conditions:	Clear
Meteorological Events:	none
Wind Speed:	calm Direction: calm

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: shaves@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	1550	8-7-07		X			4				X		X	X	X	X	X	
2	MW-2	1635	"		X			4				X		X	X	X	X	X	
3	MW-4	1612	"		X			4				X		X	X	X	X	X	
4	MW-5	1732	"		X			4				X		X	X	X	X	X	
5	MW-6	1712	"		X			4				X		X	X	X	X	X	
6	TB 11124	1600	"		X			2				X		X	X	X	X	X	HOLD
7																			
8																			
9																			
10																			

Sampler's Name: Jerry Gowdy	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company: Doulos ENV		8/10/07	1300		8/10/07 1500
Shipment Date:					
Shipment Method:					
Shipment Tracking No:					

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

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

27 August, 2007

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

RE: BP Heritage #11124, Oakland ,CA
Work Order: MQH0363

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

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MQH0363-01	Water	08/07/07 15:50	08/10/07 19:40
MW-2	MQH0363-02	Water	08/07/07 16:35	08/10/07 19:40
MW-4	MQH0363-03	Water	08/07/07 16:12	08/10/07 19:40
MW-5	MQH0363-04	Water	08/07/07 17:32	08/10/07 19:40
MW-6	MQH0363-05	Water	08/07/07 17:12	08/10/07 19:40
TB 11124	MQH0363-06	Water	08/07/07 06:00	08/10/07 19:40

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

These samples were received with no custody seals.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 (MQH0363-01) Water Sampled: 08/07/07 15:50 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H15025	08/15/07	08/15/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	
MW-2 (MQH0363-02) Water Sampled: 08/07/07 16:35 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H15025	08/15/07	08/15/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
MW-4 (MQH0363-03) Water Sampled: 08/07/07 16:12 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7H15025	08/15/07	08/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
MW-5 (MQH0363-04) Water Sampled: 08/07/07 17:32 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	**1300**	1000	ug/l	20	7H16004	08/16/07	08/16/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 (MQH0363-05) Water Sampled: 08/07/07 17:12 Received: 08/10/07 19:40									
Gasoline Range Organics (C4-C12)	**67**	50	ug/l	1	7H16004	08/16/07	08/16/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-125*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-120*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*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	08/27/07 16:03

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 (MQH0363-01) Water Sampled: 08/07/07 15:50 Received: 08/10/07 19:40									
Diesel Range Organics (C10-C36)	ND	49	ug/l	1	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*81 %*	*30-115*		"	"	"	"	
MW-2 (MQH0363-02) Water Sampled: 08/07/07 16:35 Received: 08/10/07 19:40									
Diesel Range Organics (C10-C36)	ND	47	ug/l	1	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*89 %*	*30-115*		"	"	"	"	
MW-4 (MQH0363-03) Water Sampled: 08/07/07 16:12 Received: 08/10/07 19:40									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*87 %*	*30-115*		"	"	"	"	
MW-5 (MQH0363-04) Water Sampled: 08/07/07 17:32 Received: 08/10/07 19:40									
Diesel Range Organics (C10-C36)	ND	48	ug/l	1	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*87 %*	*30-115*		"	"	"	"	
MW-6 (MQH0363-05) Water Sampled: 08/07/07 17:12 Received: 08/10/07 19:40									
Diesel Range Organics (C10-C36)	ND	47	ug/l	1	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		*75 %*	*30-115*		"	"	"	"	

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MQH0363-01) Water Sampled: 08/07/07 15:50 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H15025	08/15/07	08/15/07	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	**5.0**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-135*		"	"	"	"	
MW-2 (MQH0363-02) Water Sampled: 08/07/07 16:35 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H15025	08/15/07	08/15/07	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		*94 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*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	08/27/07 16:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MQH0363-03) Water Sampled: 08/07/07 16:12 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H15025	08/15/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-135*		"	"	"	"	
MW-5 (MQH0363-04) Water Sampled: 08/07/07 17:32 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	10	ug/l	20	7H16004	08/16/07	08/16/07	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	**1600**	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*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	08/27/07 16:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MQH0363-05) Water Sampled: 08/07/07 17:12 Received: 08/10/07 19:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H16004	08/16/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**85**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-125*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*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	08/27/07 16:03

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 7H15025 - EPA 5030B P/T / LUFT GCMS										
Blank (7H15025-BLK1)				Prepared & Analyzed: 08/15/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.15*		"	*2.50*		*86*	*60-125*			
Surrogate: Dibromofluoromethane	*2.21*		"	*2.50*		*88*	*75-120*			
Surrogate: Toluene-d8	*2.41*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-135*			
Laboratory Control Sample (7H15025-BS2)				Prepared & Analyzed: 08/15/07						
Gasoline Range Organics (C4-C12)	419	50	ug/l	500		84	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.10*		"	*2.50*		*84*	*60-125*			
Surrogate: Dibromofluoromethane	*2.17*		"	*2.50*		*87*	*75-120*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.37*		"	*2.50*		*95*	*60-135*			
Laboratory Control Sample Dup (7H15025-BSD2)				Prepared & Analyzed: 08/15/07						
Gasoline Range Organics (C4-C12)	436	50	ug/l	500		87	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.15*		"	*2.50*		*86*	*60-125*			
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93*	*75-120*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-135*			
Batch 7H16004 - EPA 5030B P/T / LUFT GCMS										
Blank (7H16004-BLK1)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-125*			
Surrogate: Dibromofluoromethane	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H16004 - EPA 5030B P/T / LUFT GCMS										
Laboratory Control Sample (7H16004-BS2)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	441	50	ug/l	500		88	65-120			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Dibromofluoromethane	*2.43*		"	*2.50*		*97*	*75-120*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			
Laboratory Control Sample Dup (7H16004-BSD2)				Prepared & Analyzed: 08/16/07						
Gasoline Range Organics (C4-C12)	447	50	ug/l	500		89	65-120	1	20	
Surrogate: 1,2-Dichloroethane-d4	*2.38*		"	*2.50*		*95*	*60-125*			
Surrogate: Dibromofluoromethane	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: Toluene-d8	*2.55*		"	*2.50*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.40*		"	*2.50*		*96*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H13016 - EPA 3510C / EPA 8015B-SVOA										
Blank (7H13016-BLK1)				Prepared: 08/13/07 Analyzed: 08/15/07						
Diesel Range Organics (C10-C36)	ND	50	ug/l							
Surrogate: n-Octacosane	*42.7*		"	*50.0*		*85*	*30-115*			
Laboratory Control Sample (7H13016-BS1)				Prepared: 08/13/07 Analyzed: 08/15/07						
Diesel Range Organics (C10-C36)	331	50	ug/l	500		66	40-115			
Surrogate: n-Octacosane	*40.4*		"	*50.0*		*81*	*30-115*			
Laboratory Control Sample Dup (7H13016-BSD1)				Prepared: 08/13/07 Analyzed: 08/15/07						
Diesel Range Organics (C10-C36)	276	50	ug/l	500		55	40-115	18	25	
Surrogate: n-Octacosane	*37.7*		"	*50.0*		*75*	*30-115*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H15025 - EPA 5030B P/T / EPA 8260B										
Blank (7H15025-BLK1)				Prepared & Analyzed: 08/15/07						
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	*2.21*		"	*2.50*		*88*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.15*		"	*2.50*		*86*	*60-125*			
Surrogate: Toluene-d8	*2.41*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-135*			
Laboratory Control Sample (7H15025-BS1)				Prepared & Analyzed: 08/15/07						
tert-Amyl methyl ether	9.61	0.50	ug/l	10.0		96	65-135			
Benzene	9.19	0.50	"	10.0		92	75-120			
tert-Butyl alcohol	162	20	"	200		81	60-135			
Di-isopropyl ether	8.58	0.50	"	10.0		86	70-130			
1,2-Dibromoethane (EDB)	9.18	0.50	"	10.0		92	70-135			
1,2-Dichloroethane	7.83	0.50	"	10.0		78	70-125			
Ethanol	147	300	"	200		73	15-150			
Ethyl tert-butyl ether	8.87	0.50	"	10.0		89	65-130			
Ethylbenzene	8.82	0.50	"	10.0		88	75-120			
Methyl tert-butyl ether	9.14	0.50	"	10.0		91	50-140			
Toluene	9.39	0.50	"	10.0		94	75-120			
Xylenes (total)	27.6	0.50	"	30.0		92	75-130			
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.32*		"	*2.50*		*93*	*60-125*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.40*		"	*2.50*		*96*	*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	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H15025 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H15025-MS1)	**Source: MQH0363-01**			Prepared & Analyzed: 08/15/07						
tert-Amyl methyl ether	9.48	0.50	ug/l	10.0	ND	95	65-135			
Benzene	8.92	0.50	"	10.0	ND	89	75-120			
tert-Butyl alcohol	159	20	"	200	ND	80	60-135			
Di-isopropyl ether	8.70	0.50	"	10.0	ND	87	70-130			
1,2-Dibromoethane (EDB)	9.35	0.50	"	10.0	ND	94	70-135			
1,2-Dichloroethane	8.06	0.50	"	10.0	ND	81	70-125			
Ethanol	154	300	"	200	ND	77	15-150			
Ethyl tert-butyl ether	9.01	0.50	"	10.0	ND	90	65-130			
Ethylbenzene	8.48	0.50	"	10.0	ND	85	75-120			
Methyl tert-butyl ether	13.2	0.50	"	10.0	4.96	83	50-140			
Toluene	8.70	0.50	"	10.0	ND	87	75-120			
Xylenes (total)	26.4	0.50	"	30.0	ND	88	75-130			
Surrogate: Dibromofluoromethane	*2.49*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-125*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*60-135*			
Matrix Spike Dup (7H15025-MSD1)	**Source: MQH0363-01**			Prepared & Analyzed: 08/15/07						
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0	ND	112	65-135	16	25	
Benzene	10.5	0.50	"	10.0	ND	105	75-120	16	20	
tert-Butyl alcohol	182	20	"	200	ND	91	60-135	13	25	
Di-isopropyl ether	10.3	0.50	"	10.0	ND	103	70-130	17	25	
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0	ND	109	70-135	15	30	
1,2-Dichloroethane	9.56	0.50	"	10.0	ND	96	70-125	17	25	
Ethanol	183	300	"	200	ND	91	15-150	17	25	
Ethyl tert-butyl ether	10.7	0.50	"	10.0	ND	107	65-130	18	25	
Ethylbenzene	9.82	0.50	"	10.0	ND	98	75-120	15	20	
Methyl tert-butyl ether	15.4	0.50	"	10.0	4.96	105	50-140	15	25	
Toluene	10.3	0.50	"	10.0	ND	103	75-120	17	25	
Xylenes (total)	30.3	0.50	"	30.0	ND	101	75-130	14	20	
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-125*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.41*		"	*2.50*		*96*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H16004 - EPA 5030B P/T / EPA 8260B										
Blank (7H16004-BLK1)				Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.40*		"	*2.50*		*96*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-125*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.23*		"	*2.50*		*89*	*60-135*			
Laboratory Control Sample (7H16004-BS1)				Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	65-135			
Benzene	10.6	0.50	"	10.0		106	75-120			
tert-Butyl alcohol	192	20	"	200		96	60-135			
Di-isopropyl ether	10.3	0.50	"	10.0		103	70-130			
1,2-Dibromoethane (EDB)	11.1	0.50	"	10.0		111	70-135			
1,2-Dichloroethane	9.92	0.50	"	10.0		99	70-125			
Ethanol	187	300	"	200		94	15-150			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	65-130			
Ethylbenzene	10.5	0.50	"	10.0		105	75-120			
Methyl tert-butyl ether	10.5	0.50	"	10.0		105	50-140			
Toluene	10.5	0.50	"	10.0		105	75-120			
Xylenes (total)	32.2	0.50	"	30.0		107	75-130			
Surrogate: Dibromofluoromethane	*2.50*		"	*2.50*		*100*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		"	*2.50*		*97*	*60-125*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.53*		"	*2.50*		*101*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

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 7H16004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7H16004-MS1)	**Source: MQH0363-05**			Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0	0.410	113	65-135			
Benzene	10.2	0.50	"	10.0	ND	102	75-120			
tert-Butyl alcohol	194	20	"	200	ND	97	60-135			
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0	ND	109	70-135			
1,2-Dichloroethane	10.2	0.50	"	10.0	ND	102	70-125			
Ethanol	217	300	"	200	ND	109	15-150			
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	65-130			
Ethylbenzene	9.98	0.50	"	10.0	ND	100	75-120			
Methyl tert-butyl ether	90.0	0.50	"	10.0	85.4	46	50-140			BB
Toluene	10.2	0.50	"	10.0	ND	102	75-120			
Xylenes (total)	30.8	0.50	"	30.0	ND	103	75-130			
Surrogate: Dibromofluoromethane	*2.55*		"	*2.50*		*102*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.60*		"	*2.50*		*104*	*60-125*			
Surrogate: Toluene-d8	*2.50*		"	*2.50*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.60*		"	*2.50*		*104*	*60-135*			
Matrix Spike Dup (7H16004-MSD1)	**Source: MQH0363-05**			Prepared & Analyzed: 08/16/07						
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	0.410	115	65-135	2	25	
Benzene	10.5	0.50	"	10.0	ND	105	75-120	3	20	
tert-Butyl alcohol	189	20	"	200	ND	95	60-135	3	25	
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130	2	25	
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0	ND	113	70-135	4	30	
1,2-Dichloroethane	10.6	0.50	"	10.0	ND	106	70-125	5	25	
Ethanol	166	300	"	200	ND	83	15-150	27	25	BA
Ethyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	65-130	2	25	
Ethylbenzene	10.3	0.50	"	10.0	ND	103	75-120	3	20	
Methyl tert-butyl ether	92.8	0.50	"	10.0	85.4	74	50-140	3	25	
Toluene	10.1	0.50	"	10.0	ND	101	75-120	1	25	
Xylenes (total)	30.8	0.50	"	30.0	ND	103	75-130	0.2	20	
Surrogate: Dibromofluoromethane	*2.59*		"	*2.50*		*104*	*75-120*			
Surrogate: 1,2-Dichloroethane-d4	*2.64*		"	*2.50*		*106*	*60-125*			
Surrogate: Toluene-d8	*2.45*		"	*2.50*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*2.53*		"	*2.50*		*101*	*60-135*			

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Stratus Environmental Inc. [Arco]	Project: BP Heritage #11124, Oakland ,CA	MQH0363
3330 Cameron Park Dr., Suite 550	Project Number: G099D-0012	**Reported:**
Cameron Park CA, 95682	Project Manager: Jay Johnson	08/27/07 16:03

Notes and Definitions

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

Atlantic Richfield Company
bp
A BP affiliated company

Chain of Custody Record

Project Name: BP 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: 15:20	Temp: 65
Off-site Time: 18:15	Temp: 68
Sky Conditions: Clear	
Meteorological Events: none	
Wind Speed: 0	Direction: 0

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:	shayes@stratusinc.net
Invoice to:	Atlantic Richfield Co.

Lab Bottle Order No: MQH0363

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	1550	8-7-07		X		01	4				X		X	X	X	X	X	
2	MW-2	1635	"		X		02	4				X		X	X	X	X	X	
3	MW-4	1612	"		X		03	4				X		X	X	X	X	X	
4	MW-5	1732	"		X		04	4				X		X	X	X	X	X	
5	MW-6	1712	"		X		05	4				X		X	X	X	X	X	
6	TB 11124	600	"		X		06	2				X		X	X	X	X	X	HOLD
7																			
8																			
9																			
10																			

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

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	8/10/07	1580		8/10/07	1500
	8-10-07	1650		8/10	1650
	8/10/07	1940		8/10	1940

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

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

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP 11124
REC. BY (PRINT) D.V.
WORKORDER: MQ40363

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker (Present) / Absent								
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody			see C.O.C					
8. Sample Condition: (Intact) / Broken* / Leaking*			8/10/07 D.V.					
9. **Does information on chain-of-custody, traffic reports and sample labels agree?** (Yes) / No*								
10. Sample received within hold time? (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) (Yes) / No*								
14. Read Temp: 2.8 Corrected Temp: ↓ Is corrected temp 4 +/-2°C? (Yes) / No** (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

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

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**3Q07 GEO_WELL 11124**
Facility Global ID:	**T0600100919**
Facility Name:	**BP #11124**
Submittal Date/Time:	**10/25/2007 10:42:38 AM**
Confirmation Number:	**2301106333**

Back to Main Menu

Electronic Submittal Information

Your EDF file has been successfully uploaded!

Confirmation Number: 6048623859
Date/Time of Submittal: 10/25/2007 9:38:07 AM
Facility Global ID: T0600100919
Facility Name: BP #11124
Submittal Title: 3Q07 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
6048623859	3Q07 GW Monitoring	Q3 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/25/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	3
# 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