

Atlantic Richfield Company (a BP affiliated 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





RECEIVED

9:57 am, Nov 02, 2007

Alameda County

Environmental Health

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



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

26 October 2007

Project No. 06-08-652



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

Third Quarter 2007 Ground-Water Monitoring Report, Former BP Station #11124, Re:

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

Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site) cc:

Ms. Shelby Lathrop, ConocoPhillips, 76 Broadway, Sacramento, California 95818

Electronic copy uploaded to GeoTracker

TEXAS NEVADA

ROBERT H. MILLER

No. 4893

ARIZONA

CALIFORNIA

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 Quarterly: Wells MW-1, MW-2, MW-4, MW-5 and MW-6 monitoring: Ouarterly: Wells MW-1, MW-2, MW-4, MW-5 and MW-6 Frequency of ground-water sampling: 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), Diisopropyl 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 (μ g/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 μ g/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 μ g/L and 1,600 μ g/L, respectively and GRO and MTBE concentrations in well MW-6 reached historic minimum values of 67 μ g/L and 85 μ g/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 groundwater 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

Appendix B.

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)

GeoTracker Upload Confirmation

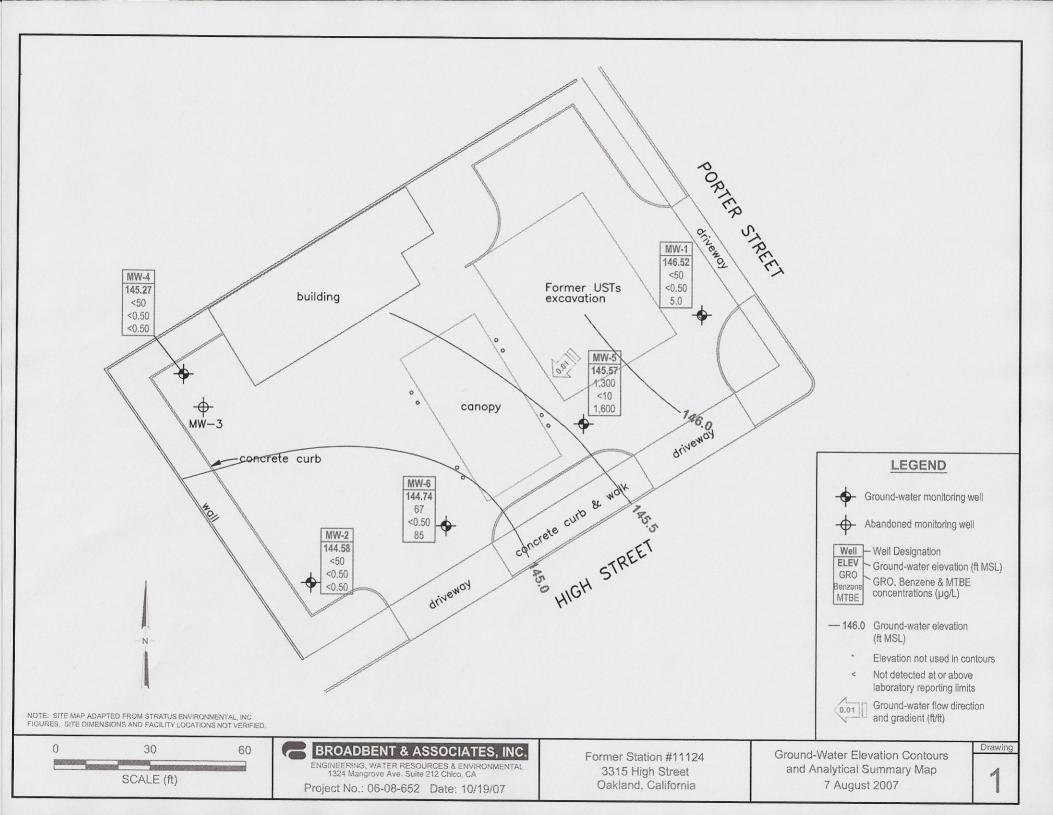


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses Station #11124, 3315 High St., Oakland, CA

			тос		Product	Water Level		C	44:	: (D						DRO/	
Well and			Elevation	DTW	Thickness	Elevation	GRO/		oncentratio	ons in (µg/l Ethyl-	Total		DO			TPHd	TOG
Sample Date	P/NP	Footnote		(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MtBE	(mg/L)	Lab	pН	(μg/L)	(μg/L)
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	С	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

			тос		Product	Water Level		С	oncentrati	ons in (µg/	L)					DRO/	
Well and			Elevation	DTW	Thickness	Elevation	GRO/			Ethyl-	Total		DO			TPHd	TOG
Sample Date	P/NP	Footnote	(feet msl)	(feet bgs)	(feet)	(feet msl)	TPHg	Benzene	Toluene	Benzene	Xylenes	MtBE	(mg/L)	Lab	pН	(µg/L)	(µg/L)
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	с	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

 $\mu g/L = Micrograms per liter$

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				Concentration	ons in (µg/L)				
Sample Date	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Comments
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				Concentration					
Sample Date	Ethanol TBA MTBE DIPE ETBE TAME 1,2					TAME	1,2-DCA	EDB	Comments
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

 $\mu g/L = micrograms per liter$

< = 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)



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 ANC.

Jay R. Johnson

No. 5867

Project Manager

Attachments:

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

cc: Mr. Paul Supple, BP/ARCO

Compare data.	BP ALAMEDA PORTFOLIO HYDROLOGIC DATA SHEET FR-15: 20 DR-18-15								
Gauge Date: 8 7.07	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								

PURGE & WELL OR SHEEN SAMPLE LOCATION TIME MEASUREMENT CONFIRMATION COMMENTS TOCDTPDTW DTB DIA ELEV (w/baller) 3477 15.36 me! 1082 MEN 35.80 200 9 83 30.18 988 2982 29.55° 285 15:28

BF	PALAMEDA POI	RTFOLIO
WAT	ER SAMPLE FIELD	DATA SHEET
Fig. 1 place (Constitution of Constitution of	AMPLED BY:	WELL I.D.: NOW OF SAMPLE I.D.: All Control of Samples:
Control of the Contro	FART (2400hr) / S AMPLE TIME (2400hr) Surface Water	
CASING DIAMETER: 2" 3 Casing Volume: (gallons per foot) (0.17)	(0.38) 4" (0.67)	5" 6" 8" Other (1.02) (2.60)
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SAMPLE DEPTH TO WATER: / 7. 4	SAMPLE INFORMAT	and the second s
80% RECHARGE: YES NO ODOR: SAMPLE VESSE		SUD VOO-HCC-ICTAMBAR NAP
PURGING EQUIPMENT Bladder Pump Bailer (Teflon Centrifugal Pump Bailer (PVC) Submersible Pump Bailer (Stainle Peristalic Pump Dedicated Other: Pump Depth: Z S	ess Steel) C	SAMPLING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC or disposablubmersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated
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BP ALAMEDA PORTFOLIO WATER SAMPLE FIELD DATA SHEET WELL I.D.: Auc 2 11124 PURGED BY: \(\sqrt{\sq}}\sqrt{\sq}}}}}}}}\signt{\sqrt{\sqrt{\sq}}}}}}\signt{\sqrt{\sq}\sqrt{\sq}\sq}\sqrt{\signt{\sq}\signt{\sq}\signt{\sq}}}}}\signt{\signt{\sq}\signt{\sq}\signt{\sq}}}\signt{\sign PROJECT #: SAMPLE I.D.: / T W Z CLIENT NAME: SAMPLED BY: Oakland - 3315 High Street QA SAMPLES: LOCATION: END (2400hr) /6 7 9 と・フ・0) START (2400hr) DATE PURGED SAMPLE TIME (2400hr) DATE SAMPLED SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other CASING DIAMETER: (1.50) (0.67) (1.02) (2.60)(0.38)(0.17)Casing Volume: (gallons per foot) DEPTH TO BOTTOM (feet) = CASING VOLUME (gal) = DEPTH TO WATER (feet) = CALCULATED PURGE (gal) = ACTUAL PURGE (gal) = WATER COLUMN HEIGHT (feet) = FIELD MEASUREMENTS TURBIDITY VOLUME TEMP. CONDUCTIVITY pH COLOR DATE TIME (2400hr) (umhos/cm) (units) (visual) (NTU) (degrees F) (gal) 120 SAMPLE INFORMATION SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY: 5-W-0 80% RECHARGE: YES NO ANALYSES: Voc. Hec. SAMPLE VESSEL / PRESERVATIVE: PURGING EQUIPMENT SAMPLING EQUIPMENT Bladder Pump Bladder Pump Bailer (Teflon) Bailer (Teflon) Bailer (PVC or disposable) Centrifugal Pump Bailer (PVC) Centrifugal Pump Submersible Pump Bailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Peristalic Pump Dedicated Other: Other: Pump Depth: 740 LOCKH: MARST & WELL INTEGRITY: REMARKS: SIGNATURE: /

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BP ALAMEDA PORTFOLIO WATER SAMPLE FIELD DATA SHEET 11124 PURGED BY: WELL I.D.; / PROJECT#: SAMPLE I.D.: SAMPLED BY: CLIENT NAME: Oakland - 3315 High Street LOCATION: QA SAMPLES: START (2400hr) DATE PURGED END (2400hr) SAMPLE TIME (2400hr) DATE SAMPLED SAMPLE TYPE: Groundwater x Surface Water Treatment Effluent CASING DIAMETER: (1.50) (2.60)(0.17)(0.38)(0.67)(1.02)Casing Volume: (gallons per foot) DEPTH TO BOTTOM (feet) = CASING VOLUME (gal) = DEPTH TO WATER (feet) = CALCULATED PURGE (gol) = WATER COLUMN HEIGHT (feet) = ACTUAL PURGE (gal) = FIELD MEASUREMENTS VOLUME TEMP. COLOR TURBIDITY DATE TIME CONDUCTIVITY pH(2400hr) (NTU) (gal) (degrees F) (umhos/gm) (units) (visual) 7.0 SAMPLE INFORMATION SAMPLE DEPTH TO WATER: 10.69 SAMPLE TURBIDITY: Calma. 80% RECHARGE: YES NO ANALYSES: 100-400-161 SAMPLE VESSEL / PRESERVATIVE: PURGING EQUIPMENT SAMPLING EQUIPMENT Bladder Pump Centrifugal Pump Bladder Pump Bailer (Teflon) Bailer (Teflon) Bailer (____PVC or > disposable) Bailer (PVC) Centrifugal Pump Submersible Pump Bailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Peristalic Pump Dedicated Other: Other: Pump Depth: 77 () LOCK#: WELL INTEGRITY: REMARKS: SIGNATURE:

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Wellhead Observation Form

Account:	
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Sampled by: 🔾 🛇 🤊 💛	Date: 8 7 9 7

street control (444)	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'1 – Notes and Other Stuff
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NO. 662252

NON-HAZARDOUS WASTE DATA FORM

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Chain of Custody Record

Project Name: BP 11124

BP BU/AR Region/Enfos Segment:

State or Lead Regulatory Agency:

BF > Americas > West > Retail > CA > Alameda > 11124

Requested Due Date (mm/dd/yy):

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On-site Time: 15:20	Temp 65
Off-site Time: 18:15	Temp: 68
Sky Conditions: こソイー	
Meteorological Events.	
Wind Speed: -	Direction 😅

Lab Name: TestAmerica	BP/AR Facility No:	11124		Consultant/Contractor:	Stratus Environmental, Inc.		
Address: 885 Jarvis Drive	BP/AR Facility Address:	s: 3315 High Street, Oakl	land	Address: 3330 Camer	ron Park Drive, Suite 550		
Morgan Hill, CA 95937	Site Lat/Long:				ark, CA 95682		
Lab PM: Lisa Race	California Global ID #:	T06001001919		Consultant/Contractor Proje	et 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 of RCOP (cir.	ircle one) Provision		Tele/Fax: (530) 676-6	000 / (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	The control of the co	01-Contractor labor		Invoice to: Atlantic Richfiel	ld Co.		
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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.





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.





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

Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012
Project Manager: Jay Johnson

MQH0363 Reported: 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	Note
MW-1 (MQH0363-01) Water Sampled:	08/07/07 15:50	Received	: 08/10/07 1	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 %	60-12	25	n	11	"	11	
Surrogate: Dibromofluoromethane		99 % 75-120		"	"	"	"		
Surrogate: Toluene-d8		96 %	80-12	20	n	n	"	''	
Surrogate: 4-Bromofluorobenzene		90 %	60-13	35	"	n	"	"	
MW-2 (MQH0363-02) Water Sampled:	08/07/07 16:35	Received	: 08/10/07 1	9:40					
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 %	60-12	25	"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-12	20	"	"	п	"	
Surrogate: Toluene-d8		95 %	80-12	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %	60-13	35	"	"	"	"	
MW-4 (MQH0363-03) Water Sampled:	08/07/07 16:12	Received:	: 08/10/07 1	9:40					
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 %	60-12	?5	"	"	"	п	
Surrogate: Dibromofluoromethane		95 %	75-12	20	"	"	"	u .	
Surrogate: Toluene-d8		94 %	80-12	20	"	"	"	n	
Surrogate: 4-Bromofluorobenzene		89 %	60-13	15	"	"	"	n	
MW-5 (MQH0363-04) Water Sampled:	08/07/07 17:32	Received:	: 08/10/07 1	9:40					
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 %	60-12	5	n	"	"	"	
Surrogate: Dibromofluoromethane		100 %	75-12	0	"	"	"	n	
Surrogate: Toluene-d8		95 %	80-12	0	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %	60-13	5	"	"	"	"	





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

Project: BP Heritage #11124, Oakland ,CA

MQH0363 Reported: Project Number: G099D-0012 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 %	60-1	25	"	"	u	n	
Surrogate: Dibromofluoromethane		102 %	75-1	20	"	"	"	"	
Surrogate: Toluene-d8		96 %	80-1	20	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-1	35	"	"	"	"	





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

Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012
Project Manager: Jay Johnson

MQH0363 Reported: 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 San	npled: 08/07/07 15:50	Received	08/10/0	7 19:40					
Diesel Range Organics (C10-C36)	ND	49	ug/l	-	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		81 %	30-	115	"	n	"	"	
MW-2 (MQH0363-02) Water San	mpled: 08/07/07 16:35	Received:	08/10/0	7 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	"	"	n	"	
MW-4 (MQH0363-03) Water Sar	mpled: 08/07/07 16:12	Received:	08/10/0	7 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	n	"	"	"	
MW-5 (MQH0363-04) Water San	mpled: 08/07/07 17:32	Received:	08/10/07	7 19:40					
Diesel Range Organics (C10-C36)	ND	48	ug/l	l	7H13016	08/13/07	08/15/07	EPA 8015B-SVOA	
Surrogate: n-Octacosane		87 %	30-	115	"	"	"	"	
MW-6 (MQH0363-05) Water San	mpled: 08/07/07 17:12	Received:	08/10/07	7 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	"	"	11	"	





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

Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012 Project Manager: Jay Johnson MQH0363 Reported: 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	Note
MW-1 (MQH0363-01) Water S	ampled: 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	"	11	II .	IJ	u	ti .	
tert-Butyl alcohol	ND	20	II	**	11	11	II	"	
Di-isopropyl ether	ND	0.50	11	11	H	н	11	#	
1,2-Dibromoethane (EDB)	ND	0.50	"	II	"	н	#	II .	
1,2-Dichloroethane	ND	0.50	"	II	tr	II	"	п	
Ethanol	ND	300	II	**	#1	n	II .	19	
Ethyl tert-butyl ether	ND	0.50	n	"	*1	"	II.	**	
Ethylbenzene	ND	0.50	"	п	н	11	**	11	
Methyl tert-butyl ether	5.0	0.50	H	п	11	R	II	ij	
Toluene	ND	0.50	II	#	II	- 11	H	П	
Xylenes (total)	ND	0.50	11	u	11	#	II	44	
Surrogate: Dibromofluoromethane		99 %	75-1	20	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		94 %	60-1	25	"	"	"	"	
Surrogate: Toluene-d8		96 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-1	35	"	"	"	"	
MW-2 (MQH0363-02) Water Sa	ampled: 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	"	U	н	**	**	#	
tert-Butyl alcohol	ND	20	n	II .	n	H		If .	
Di-isopropyl ether	ND	0.50	Ü	н	IF	n	"	U	
1,2-Dibromoethane (EDB)	ND	0.50	П	"	п	п	II.	11	
1,2-Dichloroethane	ND	0.50	II	"	ш	11	11	11	
Ethanol	ND	300	"	n	н	11	u	"	
Ethyl tert-butyl ether	ND	0.50	11	n	н	н	н	11	
Ethylbenzene	ND	0.50	11	II	n	u	н	П	
Methyl tert-butyl ether	ND	0.50	"	0	n	II	11	П	
Toluene	ND	0.50	Ш	"	n	II	н		
Xylenes (total)	ND	0.50	11	11	H	11	11	II .	
Surrogate: Dibromofluoromethane		94 %	75-1	20	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97 %	60-1	25	"	"	"	#	
Surrogate: Toluene-d8		95 %	80-1	20	"	"	"	"	





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682 Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012
Project Manager: Jay Johnson

MQH0363 Reported: 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						
tert-Amyl methyl ether	ND	0.50	ug/l	1	7H15025	08/15/07	08/16/07	EPA 8260B	
Benzene	ND	0.50	II.	H	"	***	11	11	
tert-Butyl alcohol	ND	20	**	п	п	"	**	0	
Di-isopropyl ether	ND	0.50	ft.	#	н	H	H	П	
1,2-Dibromoethane (EDB)	ND	0.50	II	n	11	II	11	П	
1,2-Dichloroethane	ND	0.50	11	n	"	п	11	н	
Ethanol	ND	300	11	n	#	"	#	#	
Ethyl tert-butyl ether	ND	0.50	Ħ	H	II .	"	"	ti .	
Ethylbenzene	ND	0.50	11	"	11	"	11	H.	
Methyl tert-butyl ether	ND	0.50	н	"	II .	Ш	Ш	II .	
Toluene	ND	0.50	II	11	н	п	П	H	
Xylenes (total)	ND	0.50	Н	11	"	11	81		
Surrogate: Dibromofluoromethan	ne	95 %	75-1	20	"	"	"	"	
Surrogate: 1,2-Dichloroethane-de	4	100 %	60-1	25	"	"	"	"	
Surrogate: Toluene-d8		94 %	80-1	20	"	"	"	n .	
Surrogate: 4-Bromofluorobenzene	е	89 %	60-1	35	"	"	"	n n	
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	"	н	tt	"	"	"	
tert-Butyl alcohol	ND	400	n .	"	U	n	и	ш	
Di-isopropyl ether	ND	10	п	"	II .	0	11	ш	
1,2-Dibromoethane (EDB)	ND	10	11	"	**	II .	11	п	
1,2-Dichloroethane	ND	10	"	*1	Ħ	11	"	**	
Ethanol	ND	6000	"	"	II	"	"	tt .	
Ethyl tert-butyl ether	ND	10	н	**	11	11	II .	п	
Ethylbenzene	ND	10	11	11	н	II	11	II .	
Methyl tert-butyl ether	1600	10	"	11	n	n	11	и	
Toluene	ND	10	"	**	n	"	11	"	
Xylenes (total)	ND	10	"	H			It	"	
Surrogate: Dibromofluoromethan	e	100 %	75-1	20	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	1	105 %	60-1	25	"	"	"	"	
Surrogate: Toluene-d8		95 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	?	89 %	60-1	35	"	"	"	"	





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

Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012 Project Manager: Jay Johnson MQH0363 Reported: 08/27/07 16:03

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

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-6 (MQH0363-05) Water Sampled: 08/07/07 1	7:12 Received	l: 08/10/07	7 19:40					
tert-Amyl methyl ether ND	0.50	ug/l	l	7H16004	08/16/07	08/16/07	EPA 8260B	
Benzene ND	0.50	tt .	II.	п	"	n	**	
tert-Butyl alcohol ND	20	п	n	**	II	Ш	**	
Di-isopropyl ether ND	0.50	0	**	"	11	н	п	
1,2-Dibromoethane (EDB) ND	0.50	"	11	II.	**	н	II.	
1,2-Dichloroethane ND	0.50	U	11	п	"	n	#	
Ethanol ND	300	II	11	41	H.	H	**	
Ethyl tert-butyl ether ND	0.50	н	11	"	II .	II.	H.	
Ethylbenzene ND	0.50	**	"	11	**	"	п	
Methyl tert-butyl ether 85	0.50	"	n	н	"	11	и	
Toluene ND	0.50	H	11	**	n	II	п	
Xylenes (total) ND	0.50	Л	11	"	п	11	II	
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	"	"	"	"	





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682 Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012 Project Manager: Jay Johnson MQH0363 Reported: 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										710100
Blank (7H15025-BLK1)	LUFT GCMS			Dranarad	& Analyze	d. 09/15/	07			
Gasoline Range Organics (C4-C12)	ND	50	ug/l	riepaieu	& Analyze	u. 06/13/	J /			
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 o	& Analyze	d: 08/15/0)7			
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 (7H1	5025-BSD2)			Prepared &	& Analyze	d: 08/15/0)7			
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 &	& Analyze	d: 08/16/0)7			
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			



RPD



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

Project: BP Heritage #11124, Oakland ,CA

Spike

Source

MQH0363 Project Number: G099D-0012 Reported: Project Manager: Jay Johnson 08/27/07 16:03

%REC

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

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7H16004 - EPA 5030B P/T /	LUFT GCMS			******						
Laboratory Control Sample (7H16004-	BS2)			Prepared o	& Analyze	ed: 08/16/0	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		n	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 (7H16	6004-BSD2)			Prepared &	& Analyze	ed: 08/16/0	07			
Gasoline Range Organics (C4-C12)	447	50	ug/l	500		89	65-120	ı	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			





Project: BP Heritage #11124, Oakland ,CA

Project Number: G099D-0012 Project Manager: Jay Johnson MQH0363 Reported: 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	A 8015B-SVO <i>A</i>	<u> </u>								
Blank (7H13016-BLK1)				Prepared:	08/13/07	Analyzed	1: 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	l: 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 (7H1	3016-BSD1)			Prepared:	08/13/07	Analyzed	l: 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			





Project: BP Heritage #11124, Oakland, CA

MQH0363 Project Number: G099D-0012 Reported: 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	& Analyze	ed: 08/15/	07			
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	n .							
tert-Butyl alcohol	ND	20	II							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	H							
1,2-Dichloroethane	ND	0.50	0							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	n.							
Ethylbenzene	ND	0.50	11							
Methyl tert-butyl ether	ND	0.50	н							
Toluene	ND	0.50	**							
Xylenes (total)	ND	0.50	IF							
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	5-BS1)			Prepared &	& Analyze	d: 08/15/0	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	II .	200		81	60-135			
Di-isopropyl ether	8.58	0.50	II .	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	11	10.0		78	70-125			
Ethanol	147	300	#	200		73	15-150			
Ethyl tert-butyl ether	8.87	0.50	11	10.0		89	65-130			
Ethylbenzene	8.82	0.50	п	10.0		88	75-120			
Methyl tert-butyl ether	9.14	0.50	"	10.0		91	50-140			
Toluene	9.39	0.50	n	10.0		94	75-120			
Xylenes (total)	27.6	0.50	n.	30.0		92	75-130			
Surrogate: Dibromofluoromethane	2.31		"	2.50		92	75-120		NOTIFICAL AND ADDRESS OF THE PARTY OF THE PA	
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			





Project: BP Heritage #11124, Oakland ,CA

MQH0363 Reported: 08/27/07 16:03

Project Number: G099D-0012
Project Manager: Jay Johnson

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 / E	CPA 8260B									
Matrix Spike (7H15025-MS1)	Source: Mo	QH0363-01		Prepared	& Analyze	ed: 08/15/	07			
tert-Amyl methyl ether	9.48	0.50	ug/l	10.0	ND	95	65-135			
Benzene	8.92	0.50	п	10.0	ND	89	75-120			
tert-Butyl alcohol	159	20	H	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	II	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	H	10.0	ND	90	65-130			
Ethylbenzene	8.48	0.50	п	10.0	ND	85	75-120			
Methyl tert-butyl ether	13.2	0.50	#1	10.0	4.96	83	50-140			
Toluene	8.70	0.50	"	10.0	ND	87	75-120			
Xylenes (total)	26.4	0.50	u	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: MC	QH0363-01		Prepared a	& Analyze	ed: 08/15/0	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	n	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	H	200	ND	91	15-150	17	25	
Ethyl tert-butyl ether	10.7	0.50	н	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	н	10.0	4.96	105	50-140	15	25	
Toluene	10.3	0.50	н	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		11	2.50		100	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.36		н	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			





Project: BP Heritage #11124, Oakland ,CA

MQH0363 Reported: 08/27/07 16:03

RPD

%REC

Project Number: G099D-0012
Project Manager: Jay Johnson

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

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7H16004 - EPA 5030B P/T / E	PA 8260B									
Blank (7H16004-BLK1)				Prepared	& Analyze	ed: 08/16/	07	•		
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	II .							
ert-Butyl alcohol	ND	20	II .							
Di-isopropyl ether	ND	0.50	#							
1,2-Dibromoethane (EDB)	ND	0.50	"							
,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	н							
Ethylbenzene	ND	0.50	11							
Methyl tert-butyl ether	ND	0.50	#							
Toluene	ND	0.50	**							
Xylenes (total)	ND	0.50	Ħ							
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-B	S1)			Prepared 6	& Analyze	d: 08/16/0)7			
ert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	65-135			
Benzene	10.6	0.50	n	10.0		106	75-120			
ert-Butyl alcohol	192	20	"	200		96	60-135			
Di-isopropyl ether	10.3	0.50	0	10.0		103	70-130			
,2-Dibromoethane (EDB)	11.1	0.50	II	10.0		111	70-135			
1,2-Dichloroethane	9.92	0.50	11	10.0		99	70-125			
Ethanol	187	300	**	200		94	15-150			
Ethyl tert-butyl ether	10.6	0.50	n	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			
ГоІиепе	10.5	0.50	II .	10.0		105	75-120			
Xylenes (total)	32.2	0.50	п	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		n .	2.50		101	60-135			





Project: BP Heritage #11124, Oakland, CA

MQH0363 Reported: 08/27/07 16:03

Project Number: G099D-0012 Project Manager: Jay Johnson

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 / E	EPA 8260B									
Matrix Spike (7H16004-MS1)	Source: M	QH0363-05		Prepared	& Analyze	ed: 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	H	10.0	ND	102	75-120			
tert-Butyl alcohol	194	20	"	200	ND	97	60-135			
Di-isopropyl ether	10.6	0.50	11	10.0	ND	106	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	II .	10.0	ND	109	70-135			
1,2-Dichloroethane	10.2	0.50	87	10.0	ND	102	70-125			
Ethanol	217	300	**	200	ND	109	15-150			
Ethyl tert-butyl ether	10.8	0.50	п	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	n	10.0	85.4	46	50-140			В
Toluene	10.2	0.50	0	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		n	2,50		104	60-135			
Matrix Spike Dup (7H16004-MSD1)	Source: M	QH0363-05		Prepared 6	& Analyze	d: 08/16/0	07			
ert-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	
ert-Butyl alcohol	189	20	n	200	ND	95	60-135	3	25	
Di-isopropyl ether	10.8	0.50	н	10.0	ND	108	70-130	2	25	
1,2-Dibromoethane (EDB)	11.3	0.50	11	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	11	200	ND	83	15-150	27	25	BA
Ethyl tert-butyl ether	11.0	0.50	II .	10.0	ND	110	65-130	2	25	
Ethylbenzene	10.3	0.50	11	10.0	ND	103	75-120	3	20	
Methyl tert-butyl ether	92.8	0.50	H	10.0	85.4	74	50-140	3	25	
Γoluene	10.1	0.50	н	10.0	ND	101	75-120	1	25	
Xylenes (total)	30.8	0.50	tt.	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			



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
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

Page_1_ of _1_

Atlantic Richfield Company

A BP affiliated company

Chain of Custody Record

Project Name:

BP 11124

BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > CA > Alameda>11124

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

Temp: 65	1
Temp: 68	1
	1
	۱
Direction.	
	Temp: 65 Temp: 68 Direction:

Beylar Facility Address: 3315 High Street, Oakland Address: 3330 Cameron Park Drive, Suite 550		Name: TestAmerica	***************************************			L	BP/AR Facility No).:	1	1124				***************************************					Con	sultar	ıt/Coz	ntrac	etor:		Stratus Env	vironme	ntal Inc		
Since Land Common Comm							BP/AR Facility Ad	idres	s:	331	15 Hig	gh St	reet, (Dakla	ınd														
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EnfoR Project No. Geoph-0912 Consultant/Contractor PM. Jay Johnson Jay Johns							California Global I	D#:	T0	6001	00191	9		····			***************************************		Con	sultar				***************************************			-04		
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San Aranon, CA	Add	ress: 2010 Crow Canyon Place, Sui	ite 150				Phase/WBS:		04-	Mon	itoring	3							_										····
Description Sample Descrip							Sub Phase/Task:		03-	Anal	ytical		************				-												
Sample Description Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIP TBA Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, Sample Po							Cost Element:		01-	Cont	ractor	labo	Γ	*******				\neg								HOLHEL			
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TEST AMERICA SAMPLE RECEIPT LOG

	3P 11124		DATE DECIDATION	0.7 5.10		1200 H 1200			
(H)		·····	DATE REC'D AT LAB:	8/10/0		•			atory Purposes?
iii	<u>D.V.</u> MQH0363		TIME REC'D AT LAB:					•	WATER YES I NO
WORKORDER:	MOHO 202		DATE LOGGED IN:	8/11/07	-			WASTE W	ATER YES I NO
					· · ·				
CIRCLE THE APPROP	PRIATE RESPONSE	LAB	CLIENT ID	CONTAINER		рΗ	SAMPLE	1	REMARKS:
40.00		SAMPLE #		DESCRIPTION	VATIVE	F	MATRIX	SAMPLED	CONDITION (ETC.)
Custody Seal(s)	Present / Absent	\$							
	Intact / Broken*		<u> </u>	<u> </u>					
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 (.0.4	_				
8. Sample Condition:	Intact / Broken* /			8/10/01					1
	Leaking*			W.W					
9. Does information on c	hain-of-custody,								
traffic reports and san	nple labels								
agree?	Y9\$ / No*								1
10. Sample received within									
hold time?	Yes / No*								
1. Adequate sample volum					*				
received?	Yes / No*								
2. Proper preservatives us	ed? Yes/No*								
13. Trip Blank / Temp Blank	Received?	· '\$							
(circle which, if yes)	Yes / No*						·		*
4. Read Temp:	2.3						1		·
Corrected Temp:	V						`,.`		<u> </u>
Is corrected temp 4 +/-2	C? (Yes / No**		······································						
Acceptance range for samples requi							<u> </u>		
*Exception (if any): METAL	-								
or Problem COC						==			

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

SRL Revision 8 eplaces Rev 7 (07/19/05)

Page of

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: 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

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE <u>ADMINISTRATOR</u>.

Electronic Submittal Information

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

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 SAN FRANCISCO BAY RV Local Agency (lead agency) ALAMEDA COUNTY LOP	VQCB (REGION 2) - Case #: RO0000239
CONF#	TITLE	QUARTER

6048623859 3Q07 GW Monitoring Q3 2007 SUBMITTED BY **SUBMIT DATE STATUS**

Broadbent & Associates, Inc. PENDING REVIEW 10/25/2007

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

TECHNICAL HOLDING TIME VIOLATIONS

METHODS USED	8260FA,8260TPH,SW8015B
TESTED FOR REQUIRED ANALYTES?	Υ
LAB NOTE DATA QUALIFIERS	Υ

QA/QC FOR 8021/8260 SERIES SAMPLES

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	Υ
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Υ
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Υ

0

WATER SAMPLES FOR 8021/8260 SERIES

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

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 <u>SAMPLE</u> COLLECTED <u>DETECTIONS > REPDL</u> QCTB SAMPLES Ν 0 QCEB SAMPLES Ν 0 QCAB SAMPLES Ν 0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.