



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
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October 30, 2007

Re: Third Quarter, 2007 Ground-Water Monitoring Report
Former BP Station #11120
6400 Dublin Boulevard
Dublin, California
ACEH Case #RO0002431

“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 Manager

RECEIVED

11:19 am, Nov 02, 2007

Alameda County
Environmental Health



Third Quarter, 2007 Ground-Water Monitoring Report
Former BP Station #11120
6400 Dublin Boulevard
Dublin, 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

October, 2007

Project No. 06-02-651

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926
Voice (530) 566-1400
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October 30, 2007

Project No. 06-02-651

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

Attn.: Mr. Paul Supple

Re: Third Quarter, 2007 Ground-Water Monitoring Report, Former BP Station #11120, 6400
Dublin Boulevard, Dublin California. ACEH Case #RO0002431.

Dear Mr. Supple:

Provided herein is the *Third Quarter, 2007 Ground-Water Monitoring Report* for the
Former BP Station #11120 (herein referred to as Station #11120) located at 6400 Dublin
Boulevard, Dublin, California (Property). This report presents a summary of Third Quarter, 2007
ground-water monitoring results.

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

Sincerely,

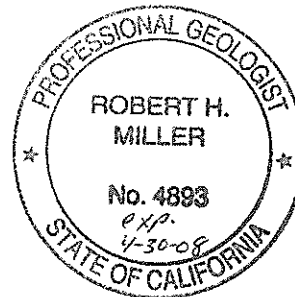
BROADBENT & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'MWH', followed by a long horizontal flourish.

Matthew G. Herrick, P.G.
Project Hydrogeologist

A handwritten signature in black ink, appearing to read 'Robert H. Miller', followed by a long horizontal flourish.

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



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (submitted via ACEH ftp
site)
Ms. Shelby Lathrop, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
GeoTracker

STATION #11120 QUARTERLY GROUND-WATER MONITORING REPORT

Facility: #11120	Address: 6400 Dublin Boulevard, Dublin, CA
Station #11120 Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc. (BAI) / Rob Miller & Matt Herrick
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) / ACEH Case # RO0002431
Consultant Project No.:	06-02-651
Facility Permits/Permitting Agency.:	NA

WORK PERFORMED THIS QUARTER (Third Quarter, 2007):

1. Submitted Second Quarter, 2007 Ground-Water Monitoring Report. Work performed by BAI.
2. Conducted ground-water monitoring/sampling for Third Quarter, 2007. Work performed by Stratus Environmental, Inc.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter, 2007):

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

QUARTERLY RESULTS SUMMARY:

Current phase of project:	Ground-water monitoring/sampling
Frequency of ground-water sampling:	Wells MW-8, MW-10, and MW-11: Quarterly
Frequency of ground-water monitoring:	Wells MW-8, MW-10, and MW-11: Quarterly
Is free product (FP) present on-site:	No
Current remediation techniques:	None
Depth to ground water (below TOC):	5.88 (MW-10) to 8.62 (MW-11) feet
General ground-water flow direction:	West
Approximate hydraulic gradient:	0.004

DISCUSSION:

Gasoline range organics (GRO) were detected in MW-8 at 76 micrograms per liter ($\mu\text{g/L}$) during Third Quarter, 2007. Methyl tert-butyl ether (MTBE) was detected in wells MW-8 and MW-11 at 130 $\mu\text{g/L}$ and 55 $\mu\text{g/L}$, respectively. No other analytes were detected in ground-water sampled collected during Third Quarter, 2007.

Analytes detected during Third Quarter, 2007 were all within the historic minimum and maximum concentration ranges recorded for each well. Ground-water elevations measured during Third Quarter, 2007 were also within historic minimum and maximum ranges for each well.

Drawing 1 depicts the ground-water elevation contour and an analytical summary map for the Third Quarter, 2007. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 presents historical ground-water flow direction and gradient.

The *Evaluation Residual MTBE, Review Historic Gradient, and Conduit and Sensitive Receptor Survey Report* was submitted on December 20, 2006. The report recommended that a formal closure

request be completed and submitted to the ACEH for review. A response from the ACEH has not been received regarding this recommendation.

CLOSURE:

The findings presented in this report are based upon: observations of Stratus Environmental, Inc. field personnel and/or their subcontractor(s) (see Appendix A), the points investigated, and results of laboratory tests performed by TestAmerica of 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.

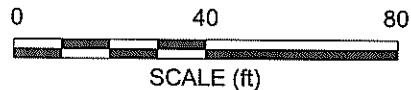
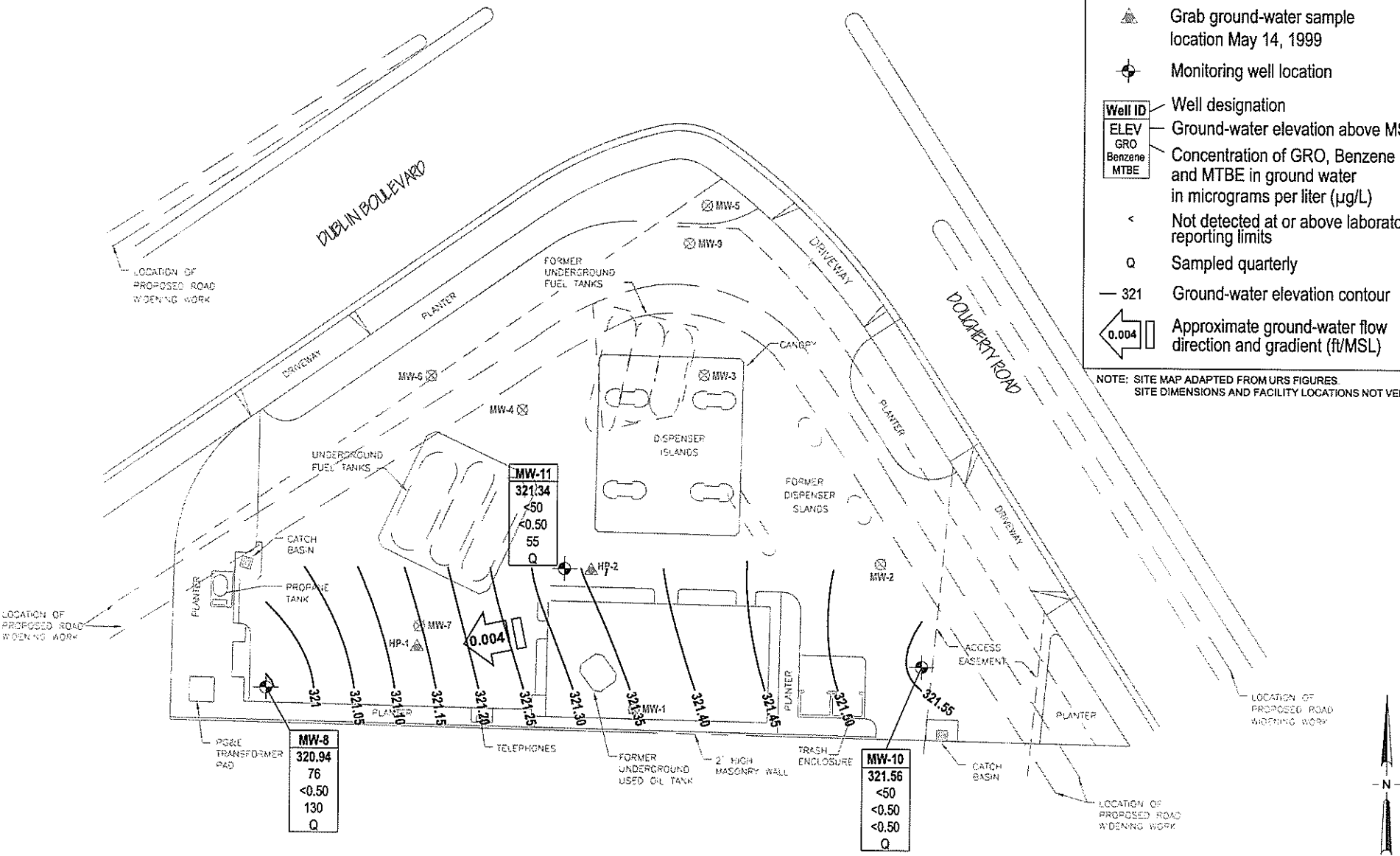
ATTACHMENTS:

- Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, Station #11120, Dublin CA
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #11120, Dublin CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #11120, Dublin CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #11120, Dublin, CA
- Appendix A. Stratus Environmental, Inc. Ground-Water Sampling Data Package (Includes Bill of Lading, Field Data Sheets, and Laboratory Report and Chain of Custody Documentation)
- Appendix B. Historical Ground-Water Analytical Data for Former Wells Abandoned in 1999 (Source: Alisto Engineering)
- Appendix C. GeoTracker Upload Confirmation

LEGEND

- ⊗ Destroyed ground-water monitoring well
- ▲ Grab ground-water sample location May 14, 1999
- ⊕ Monitoring well location
- Well ID
- ELEV Ground-water elevation above MSL
- GRO Concentration of GRO, Benzene and MTBE in ground water in micrograms per liter (µg/L)
- Benzene
- MTBE
- < Not detected at or above laboratory reporting limits
- Q Sampled quarterly
- 321 Ground-water elevation contour
- ← 0.004 Approximate ground-water flow direction and gradient (ft/MSL)

NOTE: SITE MAP ADAPTED FROM URS FIGURES
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED



BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
2000 Kirman Ave., Reno, NV
Project No.: 06-02-651 Date: 10/18/07

Former BP Station #11120
6400 Dublin Boulevard
Dublin, California

Ground-Water Elevation Contour
and Analytical Summary Map
September 11, 2007

Drawing

1

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	Comments
						GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-8															
02/25/2002	--	328.94	6.02	--	322.92	<50	<0.5	<0.5	<0.5	<0.5	1.98	--	PACE	--	
09/30/2002	--	328.94	6.16	--	322.78	<50	<0.5	<0.5	<0.5	<0.5	2.9/4.8	--	SEQM	--	a
12/13/2002	--	328.94	5.81	--	323.13	<50	<0.5	<0.5	<0.5	<0.5	5.9/6.4	--	SEQM	--	a
03/12/2003	--	328.94	5.80	--	323.14	<50	<0.50	<0.50	<0.50	<0.50	4.3/3.8	--	SEQM	--	
06/28/2003	--	328.94	5.70	--	323.24	<50	<0.50	<0.50	<0.50	<0.50	4.1	--	SEQM	--	b
09/30/2003	--	328.94	5.90	--	323.04	<50	<0.50	<0.50	<0.50	<0.50	4.1	--	SEQM	--	
12/05/2003	P	328.94	5.89	--	323.05	<50	<0.50	<0.50	<0.50	<0.50	6.7	--	SEQM	7.2	
03/10/2004	P	328.94	4.74	--	324.20	<50	<0.50	<0.50	<0.50	<0.50	5.1	--	SEQM	6.7	
06/21/2004	P	328.94	6.12	--	322.82	<50	<0.50	<0.50	<0.50	<0.50	7.5	--	SEQM	7.0	
09/17/2004	P	328.94	6.38	--	322.56	<50	<0.50	<0.50	<0.50	<0.50	6.6	--	SEQM	7.2	
12/13/2004	P	328.94	5.47	--	323.47	<50	<0.50	<0.50	<0.50	<0.50	6.7	--	SEQM	6.8	
03/03/2005	P	328.94	4.43	--	324.51	<50	<0.50	<0.50	<0.50	<0.50	5.6	--	SEQM	6.9	
06/10/2005	P	328.94	5.35	--	323.59	<50	<0.50	<0.50	<0.50	<0.50	6.2	--	SEQM	6.9	
09/16/2005	P	328.94	6.58	--	322.36	<50	<0.50	<0.50	<0.50	<0.50	5.7	--	SEQM	6.9	
12/15/2005	P	328.94	8.54	--	320.40	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	SEQM	7.0	
03/01/2006	P	328.94	7.55	--	321.39	<50	<0.50	<0.50	<0.50	<0.50	2.8	--	SEQM	7.1	
6/23/2006	P	328.94	8.14	--	320.80	<50	<0.50	<0.50	<0.50	<0.50	35	--	TAMC	7.2	
9/19/2006	P	328.94	7.33	--	321.61	82	<1.0	<1.0	<1.0	<1.0	130	--	TAMC	7.2	c
12/19/2006	P	328.94	7.55	--	321.39	82	<1.0	<1.0	<1.0	<1.0	120	3.28	TAMC	7.51	
3/29/2007	P	328.94	7.44	--	321.50	120	<0.50	<0.50	<0.50	<0.50	180	3.19	TAMC	7.51	
6/5/2007	P	328.94	7.58	--	321.36	77	<1.0	<1.0	<1.0	<1.0	130	4.87	TAMC	7.59	c
9/11/2007	P	328.94	8.00	--	320.94	76	<0.50	<0.50	<0.50	<0.50	130	2.43	TAMC	--	c, d (MTBE)
MW-9															
02/25/2002	--	329.96	5.90	--	324.06	<250	<2.50	<2.50	<2.50	<5.00	<2.50	--	PACE	--	
09/30/2002	--	329.96	6.92	--	323.04	<50	<0.5	<0.5	<0.5	<0.5	1.4/3.3	--	SEQM	--	a
12/13/2002	--	329.96	6.51	--	323.45	<50	<0.5	<0.5	<0.5	<0.5	0.53/<2.5	--	SEQM	--	a
03/12/2003	--	329.96	6.86	--	323.10	<50	<0.50	<0.50	<0.50	<0.50	0.59/<2.5	--	SEQM	--	
06/28/2003	--	329.96	5.95	--	324.01	<50	<0.50	<0.50	<0.50	<0.50	1.0	--	SEQM	--	b
09/30/2003	--	329.96	6.24	--	323.72	<50	<0.50	<0.50	<0.50	<0.50	16	--	SEQM	--	
12/05/2003	P	329.96	7.21	--	322.75	<50	<0.50	<0.50	<0.50	<0.50	33	--	SEQM	7.6	

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

Station #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	Comments
						GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-9 Cont.															
03/10/2004	P	329.96	5.37	--	324.59	<50	<0.50	<0.50	<0.50	<0.50	2.4	--	SEQM	7.1	
06/21/2004	P	329.96	6.67	--	323.29	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	SEQM	7.8	
09/17/2004	P	329.96	7.89	--	322.07	<50	<0.50	<0.50	<0.50	<0.50	0.72	--	SEQM	7.5	
12/13/2004	P	329.96	5.22	--	324.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
03/03/2005	P	329.96	5.12	--	324.84	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
06/10/2005	P	329.96	5.90	--	324.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.5	
09/16/2005	P	329.96	6.99	--	322.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
12/15/2005	P	329.96	8.52	--	321.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.7	
03/01/2006	P	329.96	8.06	--	321.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.7	
6/23/2006	P	329.96	8.56	--	321.40	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	TAMC	7.3	
7/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Abandoned
MW-10															
02/25/2002	--	327.44	4.21	--	323.23	53	2.58	<0.5	2.83	8.46	<0.5	--	PACE	--	
09/30/2002	--	327.44	4.71	--	322.73	<50	<0.5	<0.5	<0.5	<0.5	0.51/2.8	--	SEQM	--	a
12/13/2002	--	327.44	6.36	--	321.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5/<2.5	--	SEQM	--	a
03/12/2003	--	327.44	7.96	--	319.48	<50	<0.50	<0.50	<0.50	<0.50	0.76/<2.5	--	SEQM	--	
06/28/2003	--	327.44	7.70	--	319.74	<50	<0.50	<0.50	<0.50	<0.50	0.68	--	SEQM	--	b
09/30/2003	--	327.44	7.57	--	319.87	<50	<0.50	<0.50	<0.50	<0.50	0.71	--	SEQM	--	
12/05/2003	P	327.44	6.64	--	320.80	<50	<0.50	<0.50	<0.50	<0.50	0.78	--	SEQM	7.1	
03/10/2004	P	327.44	5.20	--	322.24	<50	<0.50	<0.50	<0.50	<0.50	0.58	--	SEQM	6.4	
06/21/2004	P	327.44	7.45	--	319.99	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	SEQM	7.0	
09/17/2004	P	327.44	7.49	--	319.95	<50	<0.50	<0.50	<0.50	<0.50	0.82	--	SEQM	7.0	
12/13/2004	P	327.44	5.19	--	322.25	<50	<0.50	<0.50	<0.50	<0.50	0.73	--	SEQM	6.8	
03/03/2005	P	327.44	4.86	--	322.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
06/10/2005	P	327.44	4.00	--	323.44	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	SEQM	6.8	
09/16/2005	P	327.44	4.78	--	322.66	<50	<0.50	<0.50	<0.50	<0.50	0.98	--	SEQM	6.9	
12/15/2005	P	327.44	6.67	--	320.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0	
03/01/2006	P	327.44	5.67	--	321.77	<50	<0.50	<0.50	<0.50	<0.50	0.59	--	SEQM	7.1	
6/23/2006	P	327.44	5.83	--	321.61	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	TAMC	7.0	
9/19/2006	P	327.44	6.87	--	320.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	TAMC	7.1	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	P/NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Product Thickness (feet)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	Lab	pH	Comments
						GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE				
MW-10 Cont.															
12/19/2006	--	327.44	7.10	--	320.34	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.61	TAMC	7.29	
3/29/2007	P	327.44	5.25	--	322.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.85	TAMC	7.25	
6/5/2007	P	327.44	6.94	--	320.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.65	TAMC	7.31	
9/11/2007	P	327.44	5.88	--	321.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.68	TAMC	--	
MW-11															
02/25/2002	--	329.75	6.02	--	323.73	1,800	1.34	<0.5	<0.5	<1.0	2,550	--	PACE	--	
09/30/2002	--	329.75	7.12	--	322.63	<50	<0.5	<0.5	<0.5	<0.5	1,500/1,400	--	SEQM	--	a
12/13/2002	--	329.75	6.60	--	323.15	1,300	<10	<10	<10	<10	1,400/2,000	--	SEQM	--	a
03/12/2003	--	329.75	5.79	--	323.96	<500	<5.0	<5.0	<5.0	<5.0	650/2,900	--	SEQM	--	
06/28/2003	--	329.75	5.68	--	324.07	<5,000	<50	<50	<50	<50	2,500	--	SEQM	--	b
09/30/2003	--	329.75	6.68	--	323.07	5,100	<25	<25	<25	<25	3,200	--	SEQM	--	
12/05/2003	P	329.75	6.69	--	323.06	<5,000	<50	<50	<50	<50	3,500	--	SEQM	7.2	
03/10/2004	P	329.75	5.29	--	324.46	3,000	<25	<25	<25	<25	1,800	--	SEQM	6.8	
06/21/2004	P	329.75	6.65	--	323.10	<5,000	<50	<50	<50	<50	1,900	--	SEQM	7.1	
09/17/2004	P	329.75	7.02	--	322.73	<2,500	<25	<25	<25	<25	1,700	--	SEQM	7.1	
12/13/2004	P	329.75	6.01	--	323.74	650	<5.0	<5.0	<5.0	<5.0	610	--	SEQM	6.9	
03/03/2005	P	329.75	5.13	--	324.62	250	<2.5	<2.5	<2.5	<2.5	190	--	SEQM	7.0	c
06/10/2005	P	329.75	6.00	--	323.75	<100	4.1	<1.0	<1.0	<1.0	100	--	SEQM	7.0	
09/16/2005	P	329.75	7.24	--	322.51	<100	<1.0	<1.0	<1.0	<1.0	52	--	SEQM	7.0	
12/15/2005	P	329.75	8.91	--	320.84	<50	<0.50	<0.50	<0.50	<0.50	9.0	--	SEQM	7.1	
03/01/2006	P	329.75	8.05	--	321.70	<50	<0.50	<0.50	<0.50	<0.50	21	--	SEQM	7.2	
6/23/2006	P	329.96	8.65	--	321.31	<50	<0.50	<0.50	<0.50	<0.50	23	--	TAMC	7.2	
9/19/2006	P	329.96	8.07	--	321.89	<50	<0.50	<0.50	<0.50	<0.50	26	--	TAMC	7.3	
12/19/2006	P	329.96	8.17	--	321.79	<50	<0.50	<0.50	<0.50	<0.50	42	3.07	TAMC	7.47	
3/29/2007	P	329.96	8.05	--	321.91	<50	<0.50	<0.50	<0.50	<0.50	65	1.84	TAMC	7.46	
6/5/2007	P	329.96	8.22	--	321.74	53	<0.50	<0.50	<0.50	<0.50	74	2.23	TAMC	7.53	c
9/11/2007	P	329.96	8.62	--	321.34	<50	<0.50	<0.50	<0.50	<0.50	55	2.94	TAMC	--	

ABBREVIATIONS AND SYMBOLS:

TOC = Top of casing in ft MSL

DTW = Depth to water in ft bgs

GWE = Groundwater elevation in ft MSL

GRO = Gasoline range organics

TPH-g = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert butyl ether by EPA method 8021B (prior to 6/28/03) or 8260B

DO = Dissolved oxygen

µg/L = Micrograms per liter

mg/L = Milligrams per liter

< = Not detected at or above laboratory reporting limit

-- = Not sampled/applicable/analyzed/measured

PACE = Pace, Inc.

SEQM = Sequoia Analytical Laboratory

TAMC = TestAmerica

P/NP = Well purged/not purged prior to sampling

ft bgs = Feet below ground surface

ft MSL = Feet above mean sea level

FOOTNOTES:

a = Analyzed by EPA method 8260 B; fuel oxygenates include ethanol, tert-butyl alcohol, di-isopropyl ether, ethyl tert-butyl ether, tert-amyl methyl ether; lead scavengers include: 1,2-dichloroethane & ethylene dibromide.

b = Beginning on the second quarter 2003 monitoring event (6/28/03), TPH-g, benzene, toluene, ethylbenzene, total xylenes. MTBE and fuel oxygenates analyzed by EPA method 8260B.

c = The hydrocarbon result for GRO was partly due to individual peaks in the quantitative range.

d = Sample > 4x spike concentration.

NOTES:

TOC elevations surveyed relative to an elevation of 18.409 ft MSL.

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 inclusion 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.

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 #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-8									
03/12/2003	<100	<20	4.3/3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
06/28/2003	<100	<20	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
09/30/2003	<100	<20	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<100	<20	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/21/2004	<100	<20	7.5	<0.50	<0.50	<0.50	<0.50	<0.50	
09/17/2004	16	<20	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	b
12/13/2004	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<100	<20	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2005	<100	<20	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<100	<20	5.7	<0.50	<0.50	<0.50	<0.50	<0.50	
12/15/2005	<100	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
03/01/2006	<300	<20	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
6/23/2006	<300	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<600	<40	130	<1.0	<1.0	<1.0	<1.0	<1.0	a (ethanol)
12/19/2006	<600	<40	120	<1.0	<1.0	<1.0	<1.0	<1.0	a, c (ethanol)
3/29/2007	<300	<20	180	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2007	<600	<40	130	<1.0	<1.0	<1.0	<1.0	<1.0	
9/11/2007	<300	<20	130	<0.50	<0.50	<0.50	<0.50	<0.50	d (ethanol), e (MTBE)
MW-9									
03/12/2003	<100	<20	0.59/<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
06/28/2003	<100	<20	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	
09/30/2003	<100	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	<20	33	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/21/2004	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
09/17/2004	13	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	b
12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
Station #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-9 Cont.									
12/15/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/23/2006	<300	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2006	--	--	--	--	--	--	--	--	Well Abandoned
MW-10									
03/12/2003	<100	<20	0.76/<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
06/28/2003	<100	<20	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
09/30/2003	<100	<20	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	
12/05/2003	<100	<20	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<100	<20	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/21/2004	<100	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
09/17/2004	9.4	<20	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	b
12/13/2004	<100	<20	0.73	<0.50	<0.50	<0.50	<0.50	<0.50	
03/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2005	<100	<20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
09/16/2005	<100	<20	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	
12/15/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/01/2006	<300	<20	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	
6/23/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a (ethanol)
12/19/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a, c (ethanol)
3/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	d (ethanol)
MW-11									
03/12/2003	<1,000	<200	650/2,900	<5.0	<5.0	<5.0	<5.0	<5.0	
06/28/2003	<10,000	<2,000	2,500	<50	<50	<50	<50	<50	
09/30/2003	<5,000	<1,000	3,200	<25	<25	<25	<25	<25	
12/05/2003	<10,000	<2,000	3,500	<50	<50	<50	<50	<50	
03/10/2004	<5,000	<1,000	1,800	<25	<25	<25	<25	<25	a

Table 2. Summary of Fuel Additives Analytical Data
Station #11120, 6400 Dublin Blvd., Dublin, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-11 Cont.									
06/21/2004	<10,000	<2,000	1,900	<50	<50	<50	<50	<50	
09/17/2004	13	<1,000	1,700	<25	<25	<25	<25	<25	b
12/13/2004	<1,000	<200	610	<5.0	<5.0	<5.0	<5.0	<5.0	
03/03/2005	<500	<100	190	<2.5	<2.5	<2.5	<2.5	<2.5	
06/10/2005	<200	<40	100	<1.0	<1.0	<1.0	<1.0	<1.0	a, c
09/16/2005	<200	<40	52	<1.0	<1.0	<1.0	<1.0	<1.0	
12/15/2005	<100	<20	9.0	<0.50	<0.50	<0.50	<0.50	<0.50	
03/01/2006	<300	<20	21	<0.50	<0.50	<0.50	<0.50	<0.50	
6/23/2006	<300	<20	23	<0.50	<0.50	<0.50	<0.50	<0.50	
9/19/2006	<300	<20	26	<0.50	<0.50	<0.50	<0.50	<0.50	a (ethanol)
12/19/2006	<300	<20	42	<0.50	<0.50	<0.50	<0.50	<0.50	a, c (ethanol)
3/29/2007	<300	<20	65	<0.50	<0.50	<0.50	<0.50	<0.50	
6/5/2007	<300	<20	74	<0.50	<0.50	<0.50	<0.50	<0.50	
9/11/2007	<300	<20	55	<0.50	<0.50	<0.50	<0.50	<0.50	d (ethanol)

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-Dibromoethane
µg/L = micrograms per liter
< = Not detected at or above laboratory reporting limits

FOOTNOTES:

a = The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
b = Split samples were analyzed for ethanol by EPA Method 8260B SIM; ethanol was detected in trip blank at 34 micrograms per liter. Ethanol was not detected in confirmatory analysis of samples and trip blank on a different instrument; however, holding time had expired by then.
c = LCS recorded above methanol control limits. Analyte not detected. Data not impacted.
d = CCV recovery above limit; analyte not detected.
e = Sample > 4x spike concentration.

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

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

**Table 3. Historical Ground-Water Flow Direction and Gradient
Station #11120, 6400 Dublin Blvd., Dublin, CA**

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
8/25/1993	Southwest	0.002
11/22/1993	Southwest	0.002
3/7/1994	South-Southwest	0.002
6/9/1994	Southwest	0.003
9/12/1994	Southwest	0.002
12/20/1994	Southwest	0.004
3/16/1995	Southwest	0.003
6/28/1995	West	0.005
9/6/1995	Southwest	0.002
12/22/1995	Southwest	0.005
6/26/1996	Southeast	0.01
8/20/1996	West-Southwest	0.004
10/31/1996	Southwest	0.002
12/2/1996	Northeast	0.01
3/27/1997	Northeast and Southwest	0.007 to 0.01
6/3/1997	North-Northeast	0.008
9/16/1997	North and Southeast	0.001 to 0.009
2/25/2002	South	0.009
9/30/2002	South-Southeast	0.004
12/13/2002	Southeast	0.022
3/12/2003	Southeast	0.04
6/28/2003	Southeast	0.042
9/30/2003	Southeast	0.042
12/5/2003	South-Southeast	0.036
3/10/2004	Southeast	0.021
6/21/2004	Southeast	0.034
9/17/2004	Southeast	0.027
12/13/2004	South-Southeast	0.02
3/3/2005	South-Southwest	0.02
6/10/2005	Southwest	0.004
9/16/2005	Southwest	0.004
12/15/2005	Southwest	0.007
3/1/2006	Southwest	0.003
6/23/2006	West	0.004
9/19/2006	East-Southeast	0.012
12/19/2006	East-Southeast	0.014
3/29/2007	West	0.004
6/5/2007	East-Southeast	0.012
9/11/2007	West	0.004

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 ENVIRONMENTAL, INC. GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES BILL OF LADING, FIELD DATA SHEETS, AND LABORATORY
REPORT AND CHAIN OF CUSTODY DOCUMENTATION)**



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

October 23, 2007

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

Re: Groundwater Sampling Data Package, BP Service Station No. 11120, located at
6400 Dublin Boulevard, Dublin, 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: September 11, 2007

Arrival: 14:00 *Departure:* 16:10

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

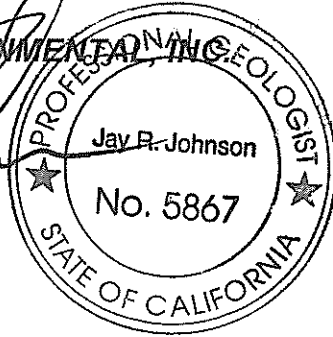
Variations from Work Scope: PH levels were not collected due to the meter not working correctly during this event.

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:

- Bill of Lading
- Non-Hazardous Waste Data Form
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

AK 1900

DP-16:10

Gauge Date: 9-11-07

Project Name: Dublin - 6400 Dublin Blvd.

Field Technician: Jerre

Project Number: 11120

TOC = Top of Well Casing Elevation
 DTP = Depth to Free Product (FP or NAPL) 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-8	19:22			8.00	19.52					
MW-10	19:27			5.88	19.50					
MW-11	19:29			8.62	19.35					

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11120 PURGED BY: JC WELL I.D.: NW-8
 CLIENT NAME: _____ SAMPLED BY: J SAMPLE I.D.: NW-8
 LOCATION: Dublin - 6400 Dublin Blvd. QA SAMPLES: _____

DATE PURGED 9-11-07 START (2400hr) 15:22 END (2400hr) 15:26
 DATE SAMPLED 9-11-07 SAMPLE TIME (2400hr) 15:35
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 8.00 CASING VOLUME (gal) = 1.9
 DEPTH TO WATER (feet) = 19.52 CALCULATED PURGE (gal) = 5.8
 WATER COLUMN HEIGHT (feet) = 11.5 ACTUAL PURGE (gal) = 6.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>9-11-07</u>	<u>15:24</u>	<u>2.1</u>	<u>22.00</u>	<u>2401</u>	<u>4.87</u>	<u>Clear</u>	_____
<u>/</u>	<u>15:25</u>	<u>4.2</u>	<u>21.7</u>	<u>23.58</u>	<u>4.76</u>	<u>/</u>	_____
<u>/</u>	<u>15:26</u>	<u>6.3</u>	<u>21.5</u>	<u>23.39</u>	<u>4.55</u>	<u>/</u>	_____

SAMPLE DEPTH TO WATER: 8.33 SAMPLE INFORMATION SAMPLE TURBIDITY: Clear

80% RECHARGE: YES NO ANALYSES: SW-0
 ODOR: No SAMPLE VESSEL / PRESERVATIVE: 6 Vac-Hel

PURGING EQUIPMENT

Bladder Pump
 Centrifugal Pump
 Submersible Pump
 Peristaltic Pump
 Other: _____
 Pump Depth: 18

Bailer (Teflon)
 Bailer (PVC)
 Bailer (Stainless Steel)
 Dedicated _____

SAMPLING EQUIPMENT

Bladder Pump
 Centrifugal Pump
 Submersible Pump
 Peristaltic Pump
 Other: _____

Bailer (Teflon)
 Bailer (PVC or disposable)
 Bailer (Stainless Steel)
 Dedicated _____

WELL INTEGRITY: good LOCK#: plumb

REMARKS: DO-243

SIGNATURE: _____ Page of

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11120 PURGED BY: JC WELL I.D.: MW-10
 CLIENT NAME: _____ SAMPLED BY: JF SAMPLE I.D.: MW-10
 LOCATION: Dublin - 6400 Dublin Blvd. QA SAMPLES: _____

DATE PURGED 9-11-07 START (2400hr) 14:31 END (2400hr) 14:34
 DATE SAMPLED 9-11-07 SAMPLE TIME (2400hr) 14:50
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 19.50 CASING VOLUME (gal) = 2.3
 DEPTH TO WATER (feet) = 5.88 CALCULATED PURGE (gal) = 6.8
 WATER COLUMN HEIGHT (feet) = 13.6 ACTUAL PURGE (gal) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>9-11-07</u>	<u>14:32</u>	<u>2.4</u>	<u>24.9</u>	<u>569</u>	<u>7.02</u>	<u>cloudy</u>	_____
<u>/</u>	<u>14:33</u>	<u>4.8</u>	<u>23.7</u>	<u>739</u>	<u>5.78</u>	<u>clear</u>	_____
<u>/</u>	<u>14:39</u>	<u>2.3</u>	<u>22.8</u>	<u>741</u>	<u>5.31</u>	<u>/</u>	_____

SAMPLE DEPTH TO WATER: 7.16 SAMPLE INFORMATION SAMPLE TURBIDITY: clear

80% RECHARGE: YES _____ NO ANALYSES: SWO
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 Vac-HCl

PURGING EQUIPMENT

Bladder Pump _____ Bailer (Teflon) _____
 Centrifugal Pump _____ Bailer (PVC) _____
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____
 Other: _____
 Pump Depth: 15

SAMPLING EQUIPMENT

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

WELL INTEGRITY: Good LOCK#: Musta

REMARKS: DO = 2.68

SIGNATURE: [Signature] Page _____ of _____

BP VALLEY PORTFOLIO

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 11120 PURGED BY: JS WELL I.D.: MW-11
 CLIENT NAME: _____ SAMPLED BY: JS SAMPLE I.D.: MW-11
 LOCATION: Dublin - 6400 Dublin Blvd. QA SAMPLES: _____

DATE PURGED 9-11-07 START (2400hr) 15:09 END (2400hr) 15:07
 DATE SAMPLED 9-11-07 SAMPLE TIME (2400hr) 15:15
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

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

DEPTH TO BOTTOM (feet) = 19.35 CASING VOLUME (gal) = 1.8
 DEPTH TO WATER (feet) = 8.62 CALCULATED PURGE (gal) = 5.4
 WATER COLUMN HEIGHT (feet) = 10.7 ACTUAL PURGE (gal) = 6.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
<u>9-11-07</u>	<u>15:05</u>	<u>2</u>	<u>24.5</u>	<u>3386</u>	<u>5.94</u>	<u>Clear</u>	
<u>/</u>	<u>15:06</u>	<u>4</u>	<u>25.1</u>	<u>2460</u>	<u>5.82</u>	<u>/</u>	
<u>/</u>	<u>15:07</u>	<u>6</u>	<u>22.6</u>	<u>2558</u>	<u>5.71</u>	<u>/</u>	

SAMPLE DEPTH TO WATER: 8.89 SAMPLE INFORMATION SAMPLE TURBIDITY: Clear

80% RECHARGE: YES NO ANALYSES: S-W-O
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 3 Uoa-Hel

PURGING EQUIPMENT

SAMPLING EQUIPMENT

Bladder Pump Bailer (Teflon)
 Centrifugal Pump Bailer (PVC)
 Submersible Pump Bailer (Stainless Steel)
 Peristaltic Pump Dedicated _____
 Other: _____
 Pump Depth: 15

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

WELL INTEGRITY: Good LOCK#: Master

REMARKS: DO 2.94

SIGNATURE: [Signature] Page of

SITE INFORMATION			WELL SAMPLING SCHEDULE				FIELD TESTING			WELL CONSTRUCTION AND SAMPLING VOLUMES										
SITE	CITY	COUNTY	Well ID	1ST	2ND	3RD	4TH	Purge Method	pH/temp temp.	DO	Redox	well diameter	top of screen	well depth	water depth	Qtr	3 well volumes	free product	Fire Watch	Traffic Control
11120	Dublin	Alameda	MW-8	GBOE	GBOE	GBOE	GBOE	TBD	yes	yes	no	2.0		19.59	7.33		8.00	N	N	N
Sampler: Doulos Last sam: 9/19/2006 GW Disposal: Comments: Wells historically under pressure, Let water levels stabilize prior to gauge. Note on gauging sheet.			MW-10	GBOE	GBOE	GBOE	GBOE	TBD	yes	yes	no	2.0		19.55	6.87		6.20	N	N	N
			MW-11	GBOE	GBOE	GBOE	GBOE	TBD	yes	yes	no	2.0		19.39	8.07		5.54	N	Y	N

GBOE = GRO/BTEX/5 FO + EDB, 1,2-DCA, Ethanol all by 8260

GUAGING FREQUENCY: _____

Purge Method:
P = Purge
NP = No Purge
TBD = To Be Determined based on DTW vs. Top of Screen

QA/QC: Trip & Temp blanks to be submitted with all sampling events. Contact coordinator if blanks are not supplied with bottle set. Trip blanks to be submit "ON HOLD". TB ID = TB -"site#" - "MMDDYYYY" (ex. TB - 11120 - 01182007)

Comments/Notes:

For Internal Use only

Stratus Submittal Date:
SH-6/28/07

Broadbent Approval Date:
MH - 7/10/2007

3607

NO. 665113

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR	NAME <u>BP WEST COAST PRODUCTS LLC ARCO # 11120</u>		EPA I.D. NO.	NOT REQUIRED
	ADDRESS <u>P.O. BOX 80249</u> <u>RANCHO SANTA MARGARITA</u> <u>CA 92682</u>		PROFILE NO.	
	CITY, STATE, ZIP _____ PHONE NO. () _____			
	CONTAINERS: No. _____ VOLUME <u>19.6 gal</u> WEIGHT _____			
TYPE: <input type="checkbox"/> TANK TRUCK <input type="checkbox"/> DUMP TRUCK <input type="checkbox"/> DRUMS <input type="checkbox"/> CARTONS <input type="checkbox"/> OTHER _____				
WASTE DESCRIPTION <u>NON-HAZARDOUS WATER</u> GENERATING PROCESS <u>WELL PURGING/DECON WATER</u>				
COMPONENTS OF WASTE PPM %			COMPONENTS OF WASTE PPM %	
1. <u>WATER 99-100%</u>			5. _____	
2. <u>TPH <1%</u>			6. _____	
3. _____			7. <u>BESI#</u>	
4. _____			8. _____	
PROPERTIES: <u>7-10</u> pH <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> SLUDGE <input type="checkbox"/> SLURRY <input type="checkbox"/> OTHER _____				
HANDLING INSTRUCTIONS: <u>WEAR ALL APPROPRIATE PROTECTIVE CLOTHING</u>				
THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.			<u>Larry Mochart BESI for BP</u> <u>9-11-07</u> TYPED OR PRINTED FULL NAME & SIGNATURE DATE	
TRANSPORTER	NAME <u>STRATUS ENVIRONMENTAL</u>		EPA I.D. NO.	
	ADDRESS <u>3330 CAMERON PARK DR</u>		SERVICE ORDER NO.	
	CITY, STATE, ZIP <u>CAMERON PARK, CA 95682</u>		PICK UP DATE	
	PHONE NO. <u>530-676-2081</u>			
TRUCK, UNIT, I.D. NO. _____		<u>Jerry Gonzalez</u> <u>9-11-07</u> TYPED OR PRINTED FULL NAME & SIGNATURE DATE		
TSD FACILITY	NAME <u>SEAPORT REFINING & ENVIRONMENTAL, LLC</u>		EPA I.D. NO.	
	ADDRESS <u>700 SEAPORT BLVD.</u>		DISPOSAL METHOD <input type="checkbox"/> LANDFILL <input type="checkbox"/> OTHER _____	
	CITY, STATE, ZIP <u>REDWOOD CITY, CA 94063</u>			
	PHONE NO. <u>650-364-1024</u>			
TYPED OR PRINTED FULL NAME & SIGNATURE _____		DATE _____		
GEN _____ TRANS _____ C/Q _____	OLD/NEW _____	L _____ S _____ RT/CD _____	A _____ B _____ HWDF _____	TONS _____ NONE _____
DISCREPANCY				



Chain of Custody Record

Project Name: ARCO 11120
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 11120
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): _____

On-site Time: <u>14:00</u>	Temp: <u>80</u>
Off-site Time: <u>16:10</u>	Temp: <u>83</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>None</u>	
Wind Speed: <u>15</u>	Direction: <u>SE</u>

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>11120</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>6400 Dublin Blvd., Dublin</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long:	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600101432</u>	Consultant/Contractor Project No.:
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G07TM-0019</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shayes@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments				
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO/BTEX/Oxy*	1,2-DCA	Ethanol BY 8260	EDB	DRO					
1	MW-8	1535	9/1/07	X				6				X			X	X	X	X					
2	MW-10	1450	1	X				3				X			X	X	X	X					*Oxy = MTBE, TAME, ETBE, DIPE, TBA
3	MW-11	1515	1	X				3				X			X	X	X	X					
4	TB 11120-9/1/07	600		X				3				X			X	X	X	X					HOLD
5																							
6																							
7																							
8																							
9																							
10																							

Sampler's Name: <u>Jerry Gonzalez</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Doulos ENV</u>	<u>[Signature]</u>	<u>9/1/07</u>	<u>9:55</u>	<u>[Signature]</u>	<u>9/1/07</u>	<u>0955</u>
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Please cc results to rmler@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

27 September, 2007

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

RE: BP Heritage #11120, Dublin, CA
Work Order: MQI0320

Enclosed are the results of analyses for samples received by the laboratory on 09/12/07 21:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	MQI0320-01	Water	09/11/07 15:35	09/12/07 21:00
MW-10	MQI0320-02	Water	09/11/07 14:50	09/12/07 21:00
MW-11	MQI0320-03	Water	09/11/07 15:15	09/12/07 21:00
TB 11120-91107	MQI0320-04	Water	09/11/07 06:00	09/12/07 21:00

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

These samples were received with no custody seals.

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MQI0320-01) Water Sampled: 09/11/07 15:35 Received: 09/12/07 21:00									
Gasoline Range Organics (C4-C12)	76	50	ug/l	1	7120023	09/20/07	09/21/07	LUFT GCMS	PV
Surrogate: 1,2-Dichloroethane-d4		92 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		96 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	60-135		"	"	"	"	
MW-10 (MQI0320-02) Water Sampled: 09/11/07 14:50 Received: 09/12/07 21:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7120023	09/20/07	09/21/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		90 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		95 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		92 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80 %	60-135		"	"	"	"	
MW-11 (MQI0320-03) Water Sampled: 09/11/07 15:15 Received: 09/12/07 21:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7120023	09/20/07	09/21/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		92 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81 %	60-135		"	"	"	"	

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MQI0320-01) Water Sampled: 09/11/07 15:35 Received: 09/12/07 21:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7120023	09/20/07	09/21/07	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	"	"	"	"	"	"	IB
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	130	0.50	"	"	"	"	"	"	BB
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96 %	75-120	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %	60-125	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %	60-135	"	"	"	"	"	
MW-10 (MQI0320-02) Water Sampled: 09/11/07 14:50 Received: 09/12/07 21:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7120023	09/20/07	09/21/07	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	"	"	"	"	"	"	IB
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	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		95 %	75-120	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90 %	60-125	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		80 %	60-135	"	"	"	"	"	

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MQI0320-03) Water Sampled: 09/11/07 15:15 Received: 09/12/07 21:00									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7120023	09/20/07	09/21/07	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	"	"	"	"	"	"	IB
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	55	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		92 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %		60-125	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81 %		60-135	"	"	"	"	

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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
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Batch 7I20023 - EPA 5030B P/T / LUFT GCMS

Blank (7I20023-BLK1)

Prepared & Analyzed: 09/20/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-125			
Surrogate: Dibromofluoromethane	2.42		"	2.50		97	75-120			
Surrogate: Toluene-d8	2.35		"	2.50		94	80-120			
Surrogate: 4-Bromofluorobenzene	2.12		"	2.50		85	60-135			

Laboratory Control Sample (7I20023-BS2)

Prepared & Analyzed: 09/20/07

Gasoline Range Organics (C4-C12)	440	50	ug/l	500		88	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.05		"	2.50		82	60-125			
Surrogate: Dibromofluoromethane	2.30		"	2.50		92	75-120			
Surrogate: Toluene-d8	2.33		"	2.50		93	80-120			
Surrogate: 4-Bromofluorobenzene	2.22		"	2.50		89	60-135			

Laboratory Control Sample Dup (7I20023-BSD2)

Prepared & Analyzed: 09/20/07

Gasoline Range Organics (C4-C12)	425	50	ug/l	500		85	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.26		"	2.50		90	60-125			
Surrogate: Dibromofluoromethane	2.30		"	2.50		92	75-120			
Surrogate: Toluene-d8	2.34		"	2.50		94	80-120			
Surrogate: 4-Bromofluorobenzene	2.21		"	2.50		88	60-135			

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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
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Batch 7I20023 - EPA 5030B P/T / EPA 8260B

Blank (7I20023-BLK1)

Prepared & Analyzed: 09/20/07

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	"							
<i>Surrogate: Dibromofluoromethane</i>	2.42		"	2.50		97	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.34		"	2.50		94	60-125			
<i>Surrogate: Toluene-d8</i>	2.35		"	2.50		94	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.12		"	2.50		85	60-135			

Laboratory Control Sample (7I20023-BS1)

Prepared & Analyzed: 09/20/07

tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	65-135			
Benzene	10.0	0.50	"	10.0		100	75-120			
tert-Butyl alcohol	192	20	"	200		96	60-135			
Di-isopropyl ether	10.0	0.50	"	10.0		100	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	70-135			
1,2-Dichloroethane	8.99	0.50	"	10.0		90	70-125			
Ethanol	303	300	"	200		151	15-150			LQ
Ethyl tert-butyl ether	9.92	0.50	"	10.0		99	65-130			
Ethylbenzene	9.39	0.50	"	10.0		94	75-120			
Methyl tert-butyl ether	9.30	0.50	"	10.0		93	50-140			
Toluene	9.78	0.50	"	10.0		98	75-120			
Xylenes (total)	28.6	0.50	"	30.0		95	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.37		"	2.50		95	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.16		"	2.50		86	60-125			
<i>Surrogate: Toluene-d8</i>	2.39		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.15		"	2.50		86	60-135			

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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
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Batch 7I20023 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample Dup (7I20023-BSD1)

Prepared & Analyzed: 09/20/07

tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	65-135	2	25	
Benzene	10.2	0.50	"	10.0		102	75-120	2	20	
tert-Butyl alcohol	194	20	"	200		97	60-135	1	25	
Di-isopropyl ether	10.3	0.50	"	10.0		103	70-130	2	25	
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	70-135	5	30	
1,2-Dichloroethane	9.15	0.50	"	10.0		92	70-125	2	25	
Ethanol	292	300	"	200		146	15-150	4	25	
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	65-130	2	25	
Ethylbenzene	9.67	0.50	"	10.0		97	75-120	3	20	
Methyl tert-butyl ether	9.45	0.50	"	10.0		94	50-140	2	25	
Toluene	10.0	0.50	"	10.0		100	75-120	3	25	
Xylenes (total)	29.0	0.50	"	30.0		97	75-130	2	20	
<i>Surrogate: Dibromofluoromethane</i>	2.30		"	2.50		92	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.14		"	2.50		86	60-125			
<i>Surrogate: Toluene-d8</i>	2.33		"	2.50		93	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.17		"	2.50		87	60-135			

Matrix Spike (7I20023-MS1)

Source: MQI0320-01

Prepared: 09/20/07 Analyzed: 09/21/07

tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	65-135			
Benzene	10.1	0.50	"	10.0	ND	101	75-120			
tert-Butyl alcohol	201	20	"	200	5.96	97	60-135			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0	ND	112	70-135			
1,2-Dichloroethane	9.90	0.50	"	10.0	ND	99	70-125			
Ethanol	226	300	"	200	ND	113	15-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	65-130			
Ethylbenzene	9.54	0.50	"	10.0	ND	95	75-120			
Methyl tert-butyl ether	137	0.50	"	10.0	135	22	50-140			BB
Toluene	10.1	0.50	"	10.0	ND	101	75-120			
Xylenes (total)	29.2	0.50	"	30.0	ND	97	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.53		"	2.50		101	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.31		"	2.50		92	60-125			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.31		"	2.50		92	60-135			

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

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
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Batch 7120023 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (7120023-MSD1)	Source: MQI0320-01	Prepared: 09/20/07	Analyzed: 09/21/07							
tert-Amyl methyl ether	11.8	0.50	ug/l	10.0	ND	118	65-135	9	25	
Benzene	10.7	0.50	"	10.0	ND	107	75-120	6	20	
tert-Butyl alcohol	193	20	"	200	5.96	94	60-135	4	25	
Di-isopropyl ether	11.0	0.50	"	10.0	ND	110	70-130	9	25	
1,2-Dibromoethane (EDB)	12.6	0.50	"	10.0	ND	126	70-135	11	30	
1,2-Dichloroethane	10.7	0.50	"	10.0	ND	107	70-125	8	25	
Ethanol	221	300	"	200	ND	111	15-150	2	25	
Ethyl tert-butyl ether	11.3	0.50	"	10.0	ND	113	65-130	8	25	
Ethylbenzene	9.92	0.50	"	10.0	ND	99	75-120	4	20	
Methyl tert-butyl ether	153	0.50	"	10.0	135	176	50-140	11	25	BB
Toluene	10.7	0.50	"	10.0	ND	107	75-120	6	25	
Xylenes (total)	30.4	0.50	"	30.0	ND	101	75-130	4	20	
Surrogate: Dibromofluoromethane	2.53		"	2.50		101	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-125			
Surrogate: Toluene-d8	2.38		"	2.50		95	80-120			
Surrogate: 4-Bromofluorobenzene	2.26		"	2.50		90	60-135			

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

Project: BP Heritage #11120, Dublin, CA
Project Number: G07TM-0019
Project Manager: Jay Johnson

MQI0320
Reported:
09/27/07 15:38

Notes and Definitions

PV Hydrocarbon result partly due to individ. peak(s) in quant. range
LQ LCS recovery above method control limits.
IB CCV recovery above limit; analyte not detected
BB Sample > 4x spike concentration
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



bp
A BP affiliated company

Chain of Custody Record

Project Name: ARCO 11120
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 11120
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): _____

On-site Time: <u>1400</u>	Temp: <u>80</u>
Off-site Time: <u>16:10</u>	Temp: <u>83</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>None</u>	
Wind Speed: <u>15</u>	Direction: <u>SE</u>

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>11120</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>6400 Dublin Blvd., Dublin</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long:	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600101432</u>	Consultant/Contractor Project No.:
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G07TM-0019</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shayes@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments				
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO/BTEX/Oxy*	1,2-DCA	Ethanol BY 8260	EDB	DRO					
1	MW-8	1535	9/1/07	X			MOI0320	6					X	X	X	X							
2	MW-10	1450	1	X			02	3					X	X	X	X							*Oxy = MTBE, TAME, ETBE, DIPE, TBA
3	MW-11	1515	1	X			03	3					X	X	X	X							
4	TB 11120-9/1/07	600		X			04	J					X	X	X	X							HOLD
5																							
6																							
7																							
8																							
9																							
10																							

Sampler's Name: <u>Jerry Goncalves</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Doulos ENV</u>	<u>[Signature]</u>	<u>9/12/07</u>	<u>9:55</u>	<u>[Signature]</u>	<u>9/12/07</u>	<u>6:55</u>
Shipment Date:	<u>[Signature]</u>	<u>9-12</u>	<u>1805</u>	<u>[Signature]</u>	<u>9-12</u>	<u>1805</u>
Shipment Method:	<u>[Signature]</u>	<u>7-11</u>	<u>7:00</u>	<u>[Signature]</u>	<u>9/12</u>	<u>20</u>
Shipment Tracking No:						

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

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

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO
 REC. BY (PRINT) ON
 WORKORDER: MOI0320

DATE REC'D AT LAB: 9/12/07
 TIME REC'D AT LAB: 2:00
 DATE LOGGED IN: 9/13/07

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 / <input checked="" type="radio"/> Absent Intact / Broken*								/
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*								
3. Traffic Reports or Packing List Present / <input checked="" type="radio"/> Absent								
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent								
5. Airbill #:								
6. Sample Labels: <input checked="" type="radio"/> Present / Absent								
7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking*			see LOC 9/12/07 ON					
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No*								
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*								
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*								
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / <input checked="" type="radio"/> No*								
14. Read Temp: <u>38°</u> Corrected Temp: <u>↓</u> Is corrected temp 4 +/-2°C? <input checked="" type="radio"/> 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

HISTORICAL GROUND-WATER ANALYTICAL DATA FOR FORMER WELLS
ABANDONED IN 1999 (SOURCE: ALISTO ENGINEERING)

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6100 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALUSTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Foot)	DEPTH TO WATER (Foot)	GROUNDWATER ELEVATION (b) (Foot)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-1	(c) 10/27/92	328.96	8.19	320.77	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
MW-1	04/09/93	328.96	4.79	324.17	ND<50	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	08/25/93	328.96	6.85	322.11	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	11/22/93	328.96	7.38	321.58	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	03/07/94	328.96	5.89	323.07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	06/06/94	328.96	6.42	322.54	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.3	PACE
MW-1	09/12/94	328.96	7.33	321.63	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	8.8	PACE
MW-1	12/20/94	328.96	6.34	322.62	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	7.8	PACE
MW-1	03/16/95	328.96	4.97	324.99	ND<50	ND<500	ND<0.50	---	---	---	---	---	---
MW-1	06/28/95	328.96	5.95	323.61	---	---	---	ND<0.50	ND<0.50	ND<1.0	---	5.6	ATI
MW-1	09/06/95	328.96	6.44	322.52	ND<50	---	---	---	---	---	---	---	---
MW-1	12/22/95	328.96	6.04	322.92	---	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.4	ATI
MW-1	08/20/96	328.96	5.05	323.31	---	---	---	---	---	---	---	---	---
MW-1	08/21/96	328.96	---	---	ND<50	160	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.8	SPL
MW-1	10/31/96	328.96	5.99	322.97	---	---	---	---	---	---	---	---	---
MW-1	(d) 12/02/96	328.96	---	---	---	---	---	---	---	---	---	---	---
MW-1	(d) 06/26/98	328.96	---	---	---	---	---	---	---	---	---	---	---
MW-2	10/27/92	328.50	7.64	320.86	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
MW-2	04/09/93	328.50	4.12	324.38	ND<50	80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	08/25/93	328.50	6.31	322.19	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	11/22/93	328.50	7.12	321.98	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	03/07/94	328.50	5.60	322.90	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	06/06/94	328.50	5.91	322.59	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	09/12/94	328.50	6.87	321.63	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.3	PACE
MW-2	12/20/94	328.50	5.86	322.64	ND<50	160	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	8.2	PACE
MW-2	03/16/95	328.50	3.77	324.73	---	---	---	---	---	---	---	7.5	PACE
MW-2	06/28/95	328.50	3.77	324.73	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---
MW-2	09/06/95	328.50	4.33	324.17	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	6.6	ATI
MW-2	12/22/95	328.50	5.05	322.65	---	---	---	---	---	---	---	---	---
MW-2	08/20/96	328.50	5.50	323.00	ND<50	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.0	ATI
MW-2	08/21/96	328.50	5.07	323.43	---	---	---	---	---	---	---	---	---
MW-2	08/21/96	328.50	---	---	---	---	---	---	---	---	---	---	---
MW-2	10/31/96	328.50	---	---	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	7.0	SPL
MW-2	12/02/96	328.50	5.44	323.06	---	---	---	---	---	---	---	---	---
MW-2	03/27/97	328.50	5.50	323.00	---	---	---	---	---	---	---	---	---
MW-2	06/03/97	328.50	4.61	323.89	---	---	---	---	---	---	---	---	---
MW-2	09/16/97	328.50	7.14	321.36	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.8	SPL
MW-2	12/03/97	328.50	6.10	322.40	---	---	---	---	---	---	---	---	---
MW-2	06/26/98	328.50	6.22	322.28	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
MW-2		328.50	4.86	323.64	ND<50	---	---	---	---	---	---	---	---
MW-2							ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

AUSTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-3	10/27/92	329.36	8.43	320.93	210	ND<50	3	0.7	0.9	30	—	—	PACE
MW-3	04/09/93	329.36	4.90	324.46	400	260	6.1	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-3	00/25/93	329.36	7.13	322.23	2000	440	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-3	11/22/93	329.36	7.60	321.76	1800	360	ND<2.5	ND<2.5	ND<2.5	ND<2.5	3300	(g)	PACE
MW-3	03/17/94	329.36	6.08	323.28	1300	5000	22	4.0	2.2	3.0	910	(g)	PACE
MW-3	06/09/94	329.36	6.51	322.85	8500	2600	25	8.3	0.5	15	7200	(g)	PACE
CC-1 (f)	06/09/94	—	—	—	—	—	23	6.3	0.5	10	13000	(g)	PACE
MW-3	09/12/94	329.36	7.63	321.73	1800	—	ND<5.0	ND<5.0	8.6	20	3800	(g)	PACE
CC-1 (f)	09/12/94	—	—	—	—	—	ND<5.0	ND<5.0	8.0	10	3900	(g)	PACE
MW-3	12/20/94	329.36	6.41	322.95	18000	9600	79	28	89	9.3	—	—	PACE
CC-1 (f)	12/20/94	—	—	—	—	—	79	33	80	ND<2.5	—	—	PACE
MW-3	03/16/95	329.36	4.39	324.97	6300	7000	470	ND<5.0	210	—	—	—	PACE
CC-1 (f)	03/16/95	—	—	—	—	—	500	ND<5.0	230	13	—	—	ATI
MW-3	06/28/95	329.36	5.50	323.86	6300	—	(g) ND<10	ND<10	ND<10	ND<20	—	7.4	ATI
CC-1 (f)	06/28/95	—	—	—	—	—	(g) ND<10	ND<10	ND<10	ND<20	—	—	ATI
MW-3	09/06/95	329.36	6.66	322.70	10000	2600	ND<50	ND<50	ND<50	ND<100	37000	7.1	ATI
CC-1 (f)	09/06/95	—	—	—	—	—	ND<50	ND<50	ND<50	ND<100	36000	—	ATI
MW-3	12/22/95	329.36	6.31	323.05	9200	—	ND<50	ND<50	ND<50	ND<100	29000	6.7	ATI
MW-3	08/20/96	329.36	5.87	323.49	—	—	ND<50	ND<50	ND<50	ND<100	—	—	ATI
CC-1 (f)	08/21/96	—	—	—	3700	1900	—	—	—	—	—	—	—
MW-3	10/31/96	329.36	—	—	3500	—	ND<25	ND<50	ND<50	ND<50	4100	6.8	SPL
CC-1 (f)	10/31/96	—	6.20	323.16	—	—	ND<25	ND<50	ND<50	ND<50	4000	—	SPL
MW-3	12/02/96	329.36	—	—	ND<250	ND<500	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	6.8	SPL
CC-1 (f)	12/02/96	—	6.27	323.09	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	—
MW-3	03/27/97	329.36	—	—	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	—
MW-3	06/03/97	329.36	5.39	323.97	—	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	6.4	SPL
CC-1 (f)	06/03/97	—	7.92	321.44	470	ND<100	ND<0.5	ND<1.0	ND<5.0	ND<5.0	ND<50	—	—
MW-3	09/16/97	329.36	—	—	ND<250	100	ND<2.5	ND<5.0	ND<5.0	ND<5.0	490	6.2	SPL
MW-3	12/03/97	329.36	6.67	322.69	—	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	84	5.9	SPL
CC-1 (f)	12/03/97	—	6.81	322.55	ND<50	330	ND<2.5	ND<5.0	ND<5.0	ND<5.0	74.0	—	—
MW-3	06/26/98	329.36	5.08	324.28	ND<50	ND<200	ND<0.5	ND<1.0	ND<5.0	ND<5.0	ND<50	5.5	SPL
					ND<250	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
							ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<10	—	SPL
												4.8	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-6	04/09/93	329.55	5.37	324.18	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	08/25/93	329.55	7.42	322.13	ND<50	170	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	11/22/93	329.55	7.93	321.62	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	03/07/94	329.55	6.25	323.30	ND<50	90	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	06/09/94	329.55	6.85	322.70	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	4.2	PACE
MW-6	09/12/94	329.55	7.91	321.64	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	7.0	PACE
MW-6	12/20/94	329.55	6.82	322.73	—	—	—	—	—	—	—	6.7	PACE
MW-6	03/16/95	329.55	4.78	324.77	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—
MW-6	06/28/95	329.55	5.97	323.58	—	—	—	—	—	—	—	—	—
MW-6	09/06/95	329.55	6.94	322.61	ND<50	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	6.1	ATI
MW-6	12/22/95	329.55	6.53	323.02	—	—	—	—	—	—	—	—	—
MW-6	08/21/96	329.55	5.18	323.37	—	—	—	—	—	—	—	—	—
MW-6	08/21/96	329.55	—	—	ND<50	120	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<5.0	7.2	ATI
MW-6	10/31/96	329.55	6.52	323.03	—	—	—	—	—	—	—	—	—
MW-6	12/02/96	329.55	6.55	323.00	—	—	—	—	—	—	—	—	—
MW-6	03/27/97	329.55	5.50	324.05	—	—	—	—	—	—	—	—	—
MW-6	06/03/97	329.55	8.19	321.36	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	—	—	—
MW-6	09/16/97	329.55	6.95	322.60	—	—	—	—	—	—	—	—	—
MW-6	12/03/97	329.55	7.22	322.33	ND<250	680	ND<2.5	ND<5.0	ND<5.0	ND<5.0	—	6.3	SPL
MW-6	06/26/98	329.55	5.20	324.35	ND<50	—	—	—	—	—	—	—	—
MW-7	04/09/93	329.49	5.36	324.13	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL
MW-7	08/25/93	329.49	7.44	322.05	ND<50	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—
MW-7	11/22/93	329.49	7.92	321.57	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	03/07/94	329.49	6.20	323.29	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	06/09/94	329.49	6.89	322.60	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	09/12/94	329.49	7.07	321.62	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	12/20/94	329.49	6.77	322.72	ND<50	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	3.7	PACE
MW-7	03/16/95	329.49	4.77	324.72	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	6.8	PACE
MW-7	06/28/95	329.49	5.94	323.55	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	6.5	PACE
MW-7	09/06/95	329.49	6.98	322.51	ND<50	320	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	5.9	ATI
MW-7	12/22/95	329.49	6.65	322.84	ND<50	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	7.8	ATI
MW-7	08/20/96	329.49	6.22	323.27	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.5	7.5	ATI
MW-7	08/21/96	329.49	—	—	—	—	—	—	—	—	7.2	6.9	ATI
MW-7	10/31/96	329.49	6.56	322.93	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	—	—	—
MW-7	12/02/96	329.49	6.13	323.36	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	SPL
MW-7	03/27/97	329.49	5.08	324.41	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	06	6.8	SPL
MW-7	06/03/97	329.49	7.80	321.69	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	59	7.3	SPL
MW-7	09/16/97	329.49	6.50	322.99	ND<100	650	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.6	SPL
MW-7	12/03/97	329.49	6.66	322.83	120	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	630	6.8	SPL
MW-7 (H)	06/26/98	329.49	4.96	324.53	ND<50	ND<200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2200	6.0	SPL
					ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
												5.1	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
QC-2	(f) 08/25/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
QC-2	(f) 11/22/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 03/07/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 06/09/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 09/12/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 12/20/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 03/16/95	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2	(f) 06/28/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	PACE
QC-2	(f) 09/06/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2	(f) 12/22/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
					ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
											ND<5.0	---	ATI

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
DO	Dissolved oxygen
ug/l	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
---	Not analyzed/applicable/measured
PACE	Paco, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

- (a) Top of casing elevations surveyed to an arbitrary datum.
- (b) Groundwater elevations relative to an arbitrary datum.
- (c) Analysis did not detect total oil and grease and halogenated volatile organic compounds above reported detection limits.
- (d) Well inaccessible.
- (e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-170-05-001.
- (f) Blind duplicate.
- (g) MTBE peak. Refer to documentation for this data in Appendix C of Alisto report 10-170-05-001.
- (h) Analysis did not detect volatile organic compounds above reported detection limits.
- (i) Travel blank.

FILE 10-170,170-5-1.WD2

TABLE 2 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING FOR EPA METHOD 8260 ANALYSIS
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

*ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TBA (ug/l)	TAME (ug/l)	LAB
MW-4	06/26/98	ND<5	ND<5	ND<5	ND<5	ND<10	ND<10	ND<10	ND<500	ND<10	SPL
MW-7	06/26/98	ND<5	ND<5	ND<5	ND<5	ND<10	ND<10	ND<10	ND<500	ND<10	SPL

ABBREVIATIONS:

B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
DIPE	Di-isopropyl ether
ETBE	Ethyl t-butyl ether
TBA	t-butyl ether
TAME	tert-amyl methyl ether
ug/l	Micrograms per liter
ND	Not detected above reported detection limit
SPL	Southern Petroleum Laboratories

F:\01\10-170\10-170EC.WQ2

APPENDIX C

GEOTRACKER UPLOAD CONFIRMATION

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	3Q07 GEO_WELL 11120
Facility Global ID:	T0600101432
Facility Name:	BP #11120
Submittal Date/Time:	10/17/2007 11:12:15 AM
Confirmation Number:	5428404867

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Confirmation Number: 7584498047

Date/Time of Submittal: 10/17/2007 11:08:39 AM

Facility Global ID: T0600101432

Facility Name: BP #11120

Submittal Title: 3Q07 GW Monitoring

Submittal Type: GW Monitoring Report

Click [here](#) to view the detections report for this upload.

BP #11120 6400 DUBLIN DUBLIN, CA 94568	Regional Board - Case #: 01-1556 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0002431 ALAMEDA COUNTY LOP - (BC)
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<u>CONF.#</u>	<u>TITLE</u>	<u>QUARTER</u>
7584498047	3Q07 GW Monitoring	Q3 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	10/17/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

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

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