



Atlantic Richfield Company  
(a BP affiliated company)

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

26 October 2007

Re: Third Quarter 2007 Status Report  
Atlantic Richfield Company Station #2035  
1001 San Pablo Avenue  
Albany, California  
ACEH Case # RO0000100

**RECEIVED**

10:49 am, Nov 02, 2007

Alameda County  
Environmental Health



“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

Broadbent & Associates, Inc.  
1324 Mangrove Ave., Suite 212  
Chico, CA 95926  
Voice (530) 566-1400  
Fax (530) 566-1401



26 October 2007

Project No. 06-08-610

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

Attn.: Mr. Paul Supple

Re: Third Quarter 2007 Status Report, Atlantic Richfield Company (a BP affiliated company)  
Station #2035, 1001 San Pablo Avenue, Albany, California; ACEH Case #RO0000100

Dear Mr. Supple:

Attached is the *Third Quarter 2007 Status Report* for Atlantic Richfield Company Station #2035 (herein referred to as Station #2035) located at 1001 San Pablo Avenue, Albany, Alameda County, California.

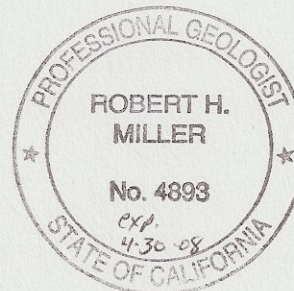
A remediation treatment modification letter was submitted to Alameda County Environmental Health (ACEH) by URS on 15 July 2004. This letter proposed shutting down the treatment system permanently and treating ground water by natural attenuation, and is currently awaiting ACEH approval.

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

Rob Miller, P.G., C.HG.  
Principal Hydrogeologist



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)  
Barbara & James A. LeStrange, 6 La Canada Court, Saint Helena, California 94574  
Mr. Robert Cave, Bay Area Air Quality Management District - Permit Division, 939 Ellis Street, San Francisco, California 94109  
Electronic copy uploaded to GeoTracker

## STATION # 2035 REMEDIATION SYSTEM STATUS REPORT

Facility: #2035	Address: 1001 San Pablo Avenue, Albany, California
Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:	06-02-610
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH) ACEH Case # RO0000100
Permitting Agency/Facility Permits:	Bay Area Air Quality Management District (BAAQMD) BAAQMD Permit # 8694

### WORK PERFORMED THIS QUARTER (Third Quarter 2007):

1. Prepared and submitted the Second Quarter 2007 Second Semi-Annual Ground-Water Monitoring Report, dated 27 July 2007. Work performed by BAI.
2. No field work was performed at this Site during the Third Quarter 2007.

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

1. Prepared and submitted the Third Quarter 2007 Status Report (contained herein).
2. Conduct semi-annual ground-water monitoring/sampling for Fourth Quarter 2007. Work to be performed by Stratus Environmental, Inc.

### SITE SUMMARY:

Current phase of project:	<b>Remediation/Natural Attenuation/Ground-water monitoring/sampling</b>
Frequency of ground-water sampling:	<b>Semi-Annually (2Q and 4Q): Wells MW-1, MW-2, MW-3, MW-4, RW-1, S-5</b> <b>Annually (4Q): Wells MW-5 and MW-6</b>
Frequency of ground-water monitoring:	<b>Semi-Annually (2Q and 4Q)</b>
Is free product (FP) present on-site:	<b>No</b>
Depth to ground water (below TOC):	<b>8.89 ft (S-5) to 12.55 ft (MW-6) (5/15/2007)</b>
General ground-water flow direction:	<b>West (5/15/2007)</b>
Approximate hydraulic gradient:	<b>0.02 ft/ft (5/15/2007)</b>

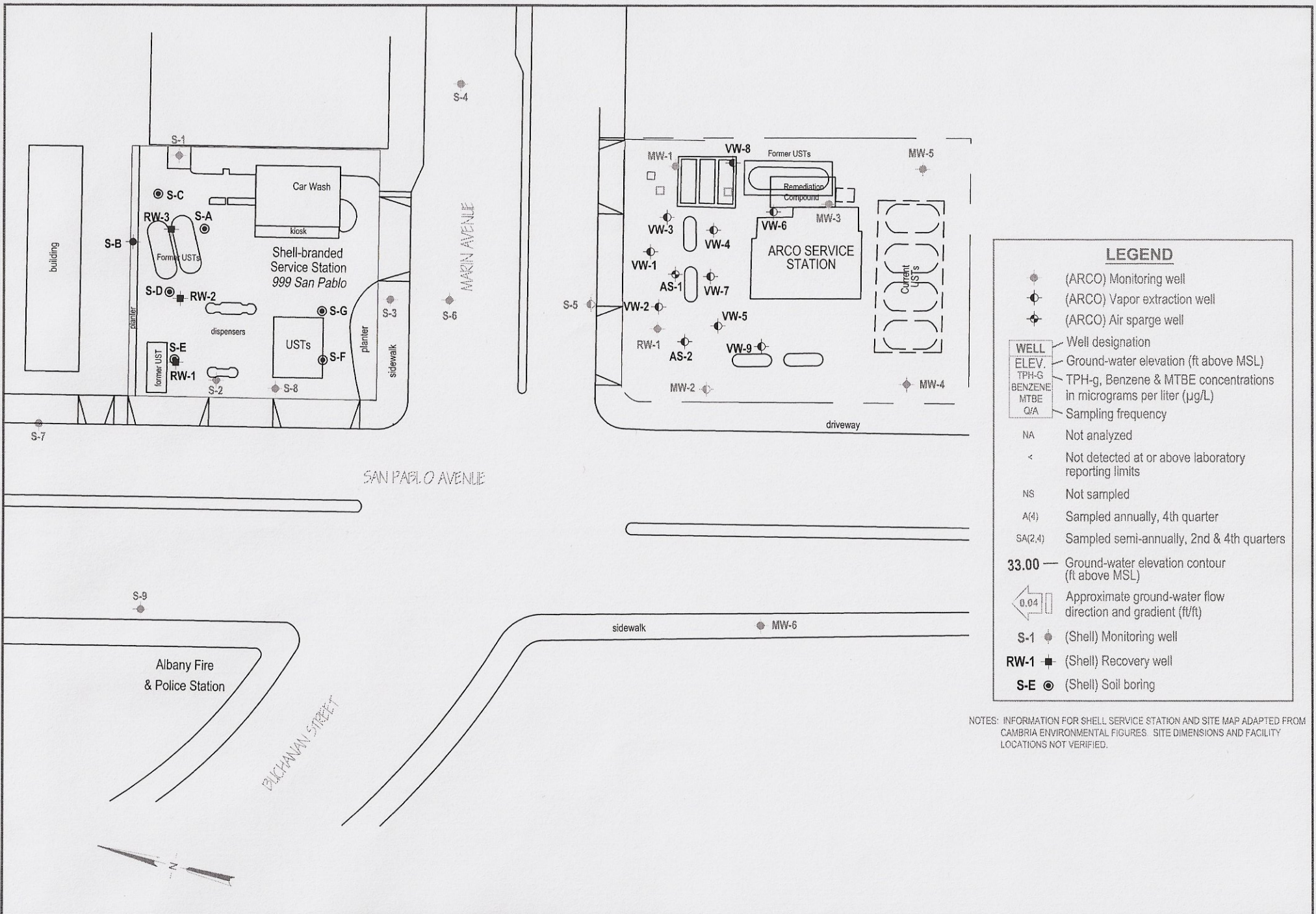
### DISCUSSION:

The Air Sparge / Soil Vapor Extraction (AS/SVE) remediation system has remained down since the fourth quarter 2004 due to elevated water levels observed at the Site. Monthly depth to water monitoring had indicated that a majority of the well screens remained partly submerged under water. The monthly depth to water monitoring was discontinued after the February 2005 event. The semi-annual monitoring event on 5 May 2007 indicated that the screen in well RW-1 remained submerged. A remediation treatment modification letter dated 15 July 2004 was submitted to the Alameda County Environmental Health. The letter proposed shutting down the AS/SVE remediation system permanently and treating ground water by natural attenuation. A copy of this treatment modification letter was submitted with the *Third Quarter 2006 Status Report* (BAI, 18 October 2006). BP is currently awaiting a response from ACEH to this request letter.

### ATTACHMENTS:

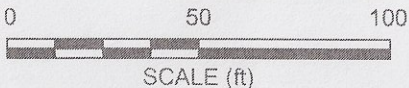
Drawing 1. Site Map, ARCO Service Station #2035, 1001 San Pablo Avenue, Albany, California





LEGEND	
	(ARCO) Monitoring well
	(ARCO) Vapor extraction well
	(ARCO) Air sparge well
	Well designation
	Ground-water elevation (ft above MSL)
	TPH-g, Benzene & MTBE concentrations in micrograms per liter (µg/L)
	Sampling frequency
NA	Not analyzed
<	Not detected at or above laboratory reporting limits
NS	Not sampled
A(4)	Sampled annually, 4th quarter
SA(2,4)	Sampled semi-annually, 2nd & 4th quarters
33.00	Ground-water elevation contour (ft above MSL)
	Approximate ground-water flow direction and gradient (ft/ft)
S-1	(Shell) Monitoring well
RW-1	(Shell) Recovery well
S-E	(Shell) Soil boring

NOTES: INFORMATION FOR SHELL SERVICE STATION AND SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



**BROADBENT & ASSOCIATES, INC.**  
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
1324 Mangrove Ave. Suite 212, Chico, California  
Project No.: 06-08-610 Date: 10/18/06

ARCO Service Station #2035  
1001 San Pablo Avenue  
Albany, California

Site Map

Drawing  
1