

# Atlantic Richfield Company

**Shannon Couch**  
Operations Project Manager

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April 5, 2012

Re: First Quarter 2012 Status Report  
Atlantic Richfield Company Station #2035  
1001 San Pablo Avenue, Albany, California  
ACEH Case #RO0000100

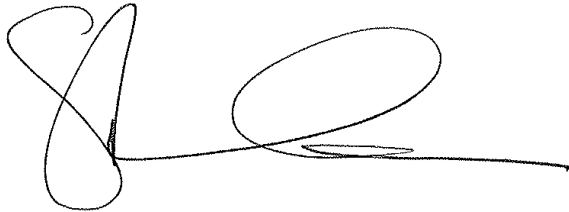
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*2:47 pm, Apr 11, 2012*

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,



Shannon Couch  
Operations Project Manager

Attachment



**BROADBENT**

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broadbentinc.com

*Creating Solutions. Building Trust.*

April 5, 2012

Project No. 06-88-610

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

Attn.: Ms. Shannon Couch

Re: First Quarter 2012 Status Report, Atlantic Richfield Company Station #2035,  
1001 San Pablo Avenue, Albany, California; ACEH Case #RO0000100

Dear Ms. Couch:

Attached is the First Quarter 2012 Status Report for Atlantic Richfield Company Station #2035 located at 1001 San Pablo Avenue, Albany, California. This report presents a summary of current developments at the Site through the First Quarter of 2012.

Should you have questions regarding this submittal, please do not hesitate to contact me at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.  
Senior Engineer



Enclosures

cc: Ms. Dilan Roe, P.E., Alameda County Environmental Health (submitted via ACEH ftp site)  
Mr. John LeStrange, 17851 State Highway 128, Calistoga, California 94515  
Electronic copy uploaded to GeoTracker

**FIRST QUARTER 2012  
STATUS REPORT  
ARCO STATION #2035, ALBANY, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *First Quarter 2012 Status Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for ARCO Station #2035 located in Albany, Alameda County, California. Quarterly reporting is being submitted to the Alameda County Environmental Health Services Agency (ACEH) consistent with their requirements under the legal authority of the California Regional Water Quality Control Board as codified by California Code of Regulations Title 23, Section 2652(d). A summary description of current developments regarding the Site is provided below.

Facility Name / Address:	<u>ARCO Station #2035 / 1001 San Pablo Avenue, Albany</u>
Client Project Manager / Title:	<u>Ms. Shannon Couch / RM Operations Project Manager</u>
Broadbent Contact:	<u>Mr. Tom Venus, PE / (530) 566-1400</u>
Broadbent Project No.:	<u>06-88-610</u>
Primary Regulatory Agency / ID No.:	<u>ACEH, Case #RO0000100</u>
Current phase of project:	<u>Monitoring</u>
List of Acronyms / Abbreviations:	<u>See end of report text for list of acronyms/abbreviations used in report.</u>

**WORK PERFORMED THIS QUARTER (First Quarter 2012):**

1. Submitted *Fourth Quarter 2011 Semi-Annual Monitoring Report* (Broadbent, 1/21/2012).
2. No environmental field work was conducted at Station #2035 during the First Quarter 2012.

**WORK SCHEDULED FOR NEXT QUARTER (Second Quarter 2012):**

1. Prepared and submitted *First Quarter 2012 Status Report* (contained herein).
2. Conduct semi-annual groundwater monitoring/sampling for Second Quarter 2012, coordinated with consultant for nearby Shell Station.

**DISCUSSION:**

Groundwater monitoring and sampling is scheduled to be conducted at ARCO Station #2035 during the Second Quarter 2012, consistent with the current monitoring program. In the meantime, BP and Broadbent are awaiting comments from ACEH to the *Vapor Intrusion Assessment Report* (Broadbent, 6/13/2011) submitted in Second Quarter 2011.

**ATTACHMENTS:**

Drawing 1: Site Location Map

**LIST OF COMMONLY USED ACCRONYMS/ABBREVIATIONS:**

ACEH: Alameda County Environmental Health	ft/ft: feet per foot
ACPWA: Alameda County Public Works Agency	gal: Gallons
BTEX: Benzene, Toluene, Ethylbenzene, Total Xylenes	GRO: Gasoline-Range Organics
1,2-DCA: 1,2-Dichloroethane	LNAPL: Light Non-Aqueous Phase Liquid
DIPE: Di-Isopropyl Ether	MTBE: Methyl Tertiary Butyl Ether
DO: Dissolved Oxygen	NO <sub>3</sub> : Nitrate as Nitrogen
DRO: Diesel-Range Organics	ppb: parts per billion
EDB: 1,2-Dibromomethane	SO <sub>4</sub> : Sulfate
Eh: Oxidation Reduction Potential	TAME: Tert-Amyl Methyl Ether
EPA: Environmental Protection Agency	TBA: Tertiary Butyl Ether
ETBE: Ethyl Tertiary Butyl Ether	TOC: Top of Casing
Fe <sup>2+</sup> : Ferrous Iron	µg/L: micrograms per liter



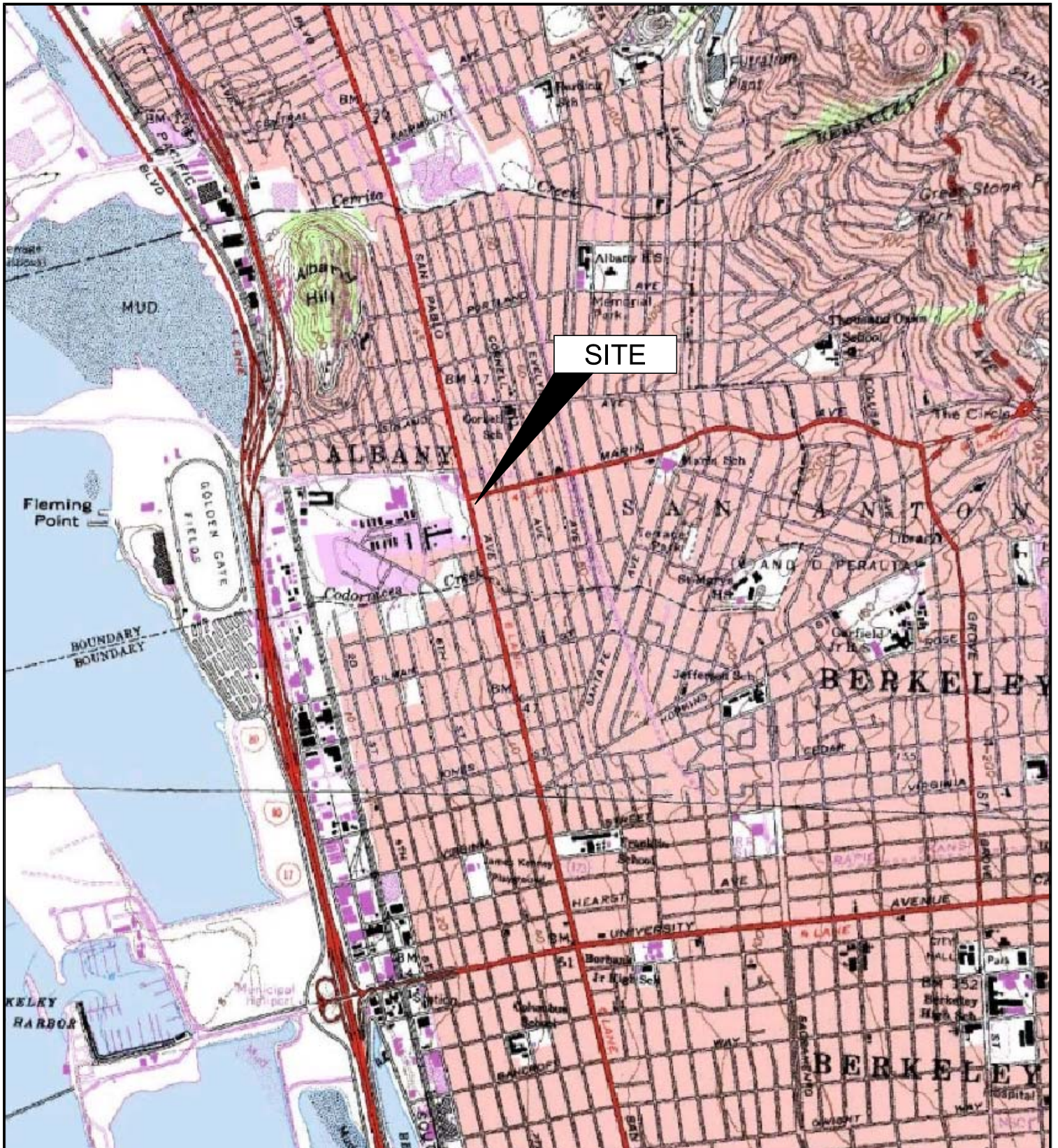


IMAGE SOURCE: USGS