

Atlantic Richfield Company

Shannon Couch
Operations Project Manager

PO Box 1257
San Ramon, CA 94583
Phone: (925) 275-3804
Fax: (925) 275-3815
E-Mail: shannon.couch@bp.com

October 25, 2012

RECEIVED

11:38 am, Nov 01, 2012

Alameda County
Environmental Health

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

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

1324 Mangrove Ave., Suite 212, Chico, CA 95926

[T] 530-566-1400 [F] 530-566-1401

broadbentinc.com

Creating Solutions. Building Trust.

October 25, 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: Third Quarter 2012 Status Report, Atlantic Richfield Company Station #2035,
1001 San Pablo Avenue, Albany, California; ACEH Case #RO0000100

Dear Ms. Couch:

Attached is the Third 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 Third 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

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

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Third 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:	ARCO Station #2035 / 1001 San Pablo Avenue, Albany
Client Project Manager / Title:	Ms. Shannon Couch / RM Operations Project Manager
Broadbent Contact:	Mr. Tom Venus, PE / (530) 566-1400
Broadbent Project No.:	06-88-610
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000100
Current phase of project:	Monitoring
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Third Quarter 2012):

1. Submitted *Second Quarter 2012 Monitoring Report* (Broadbent, 7/30/2012).
2. No environmental field work was conducted at Station #2035 during the Third Quarter 2012.

WORK SCHEDULED FOR NEXT QUARTER (Fourth Quarter 2012):

1. Prepared and submitted *Third Quarter 2012 Status Report* (contained herein).
2. Conduct semi-annual groundwater monitoring/sampling for Fourth Quarter 2012, coordinated with consultant for nearby Shell Station.
3. Decommission former remediation system compound behind station building, following removal of natural gas service by PG&E (delayed due to City of Albany permitting office issues).

DISCUSSION:

Groundwater monitoring and sampling is scheduled to be conducted at ARCO Station #2035 during the Fourth Quarter 2012, consistent with the current monitoring program. Broadbent has been waiting upon PG&E before being able to proceed with decommissioning and removal of the remediation system behind the station building. PG&E had been unable to remove the natural gas meter that formerly served the Air Sparge/Soil Vapor Extraction remediation system due to permitting delays by the City of Albany. PG&E was finally able to remove the natural gas meter on September 21, 2012. Decommissioning and removal of the former remediation system is scheduled for Mid-November 2012. In the meantime, BP and Broadbent are still 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 ₃ :	Nitrate as Nitrogen
DRO:	Diesel-Range Organics	ppb:	parts per billion
EDB:	1,2-Dibromomethane	SO ₄ :	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 ²⁺ :	Ferrous Iron	µg/L:	micrograms per liter

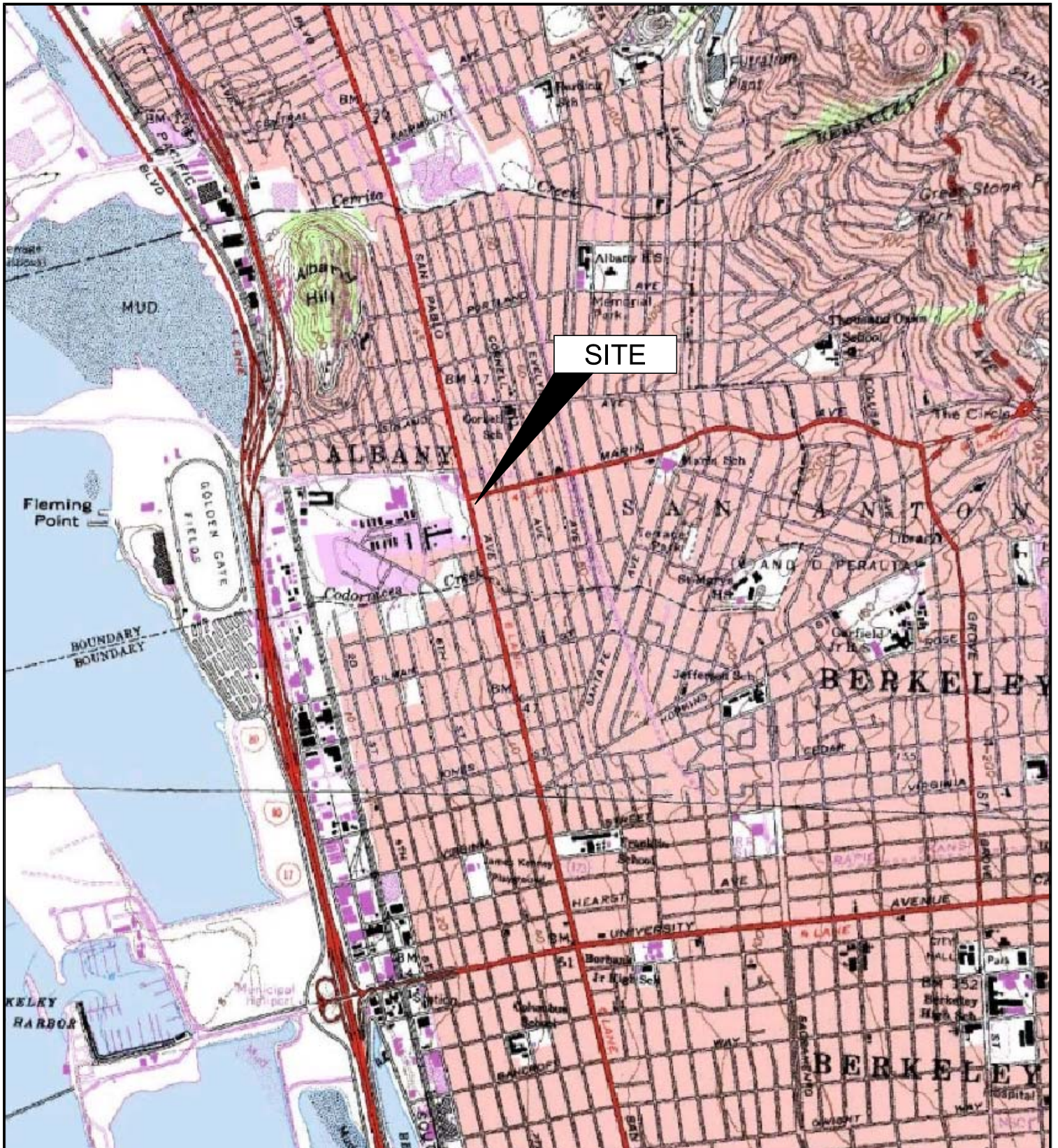


IMAGE SOURCE: USGS