

# 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

April 5, 2012

Re: First Quarter 2012 Status Report  
Former Richfield Oil Company Station #402  
1450 Fruitvale Avenue, Oakland, California  
ACEH Case #RO0000307

**RECEIVED**

**2:38 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**

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

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

broadbentinc.com

*Creating Solutions. Building Trust.*

April 5, 2012

Project No. 08-88-602

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

Attn.: Ms. Shannon Couch

Re: First Quarter 2012 Status Report, Former Richfield Oil Company Station #402,  
1450 Fruitvale Avenue, Oakland, California; ACEH Case #RO0000307

Dear Ms. Couch:

Attached is the First Quarter 2012 Status Report for Former Richfield Oil Company Station #402 located at 1450 Fruitvale Avenue, Oakland, 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. Bill Phua, Fruitvale-Farnum Associates, LLC, 638 Webster St. #300, Oakland, CA 94607  
Mr. Hugh K. Phares, III, Attorney at Law, 911 Paru St, Alameda, CA 94501-4033  
Electronic copy uploaded to GeoTracker

**FIRST QUARTER 2012  
STATUS REPORT  
FORMER STATION #402, OAKLAND, 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 Former Richfield Oil Company Station #402 located in Oakland, 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>Former Station #402 / 1450 Fruitvale Avenue, Oakland</u>
Client Project Manager / Title:	<u>Ms. Shannon Couch / Remediation Management Project Manager</u>
Broadbent Contact:	<u>Mr. Tom Venus, PE / (530) 566-1400</u>
Broadbent Project No.:	<u>08-88-602</u>
Primary Regulatory Agency / ID No.:	<u>ACEH, Case #RO0000307</u>
Current phase of project:	<u>Assessment</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 Status Report* (Broadbent, 1/5/2012).
2. Confirmed former onsite monitoring wells are no longer present and accessible.
3. Conducted preplanning site visit to locate potential new monitoring well locations.

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

1. Submit *First Quarter 2012 Status Report* (contained herein).
2. Request area utilities maps and prepare work plan for site investigation activities.

**DISCUSSION:**

In a letter dated October 16, 2008 ACEH requested the completion of a soil and groundwater investigation as previously approved in the ACEH letter dated June 22, 2006. The approved *Work Plan – Monitoring Well Installation, 1450 Fruitvale Avenue, Oakland, California* had been prepared by AEI Consultants for Fruitvale-Farnam Associates, LLC and was dated March 3, 2005. Atlantic Richfield Company has attempted without success to collectively implement the approved scope of work with the other listed co-Responsible Parties. According to Mr. Ken Phares in care of Jay Phares Corporation (who is reportedly no longer a co-RP), Mr. Bill Phua (Fruitvale-Farnam Associates, LLC) wants no involvement with the release cleanup and is not interested in sharing cleanup costs. Furthermore, at this time it does not appear likely that Mr. Curtis Thomas will be able to prepare the cleanup fund application. Broadbent understands that BP Legal is currently in the process of negotiating the final access agreement with Mr. Phua / Fruitvale-Farnam Associates, LLC, including restitution for past environmental response costs and liability indemnifications.

Broadbent has determined that the monitoring wells previously installed at the Former Station #402 site are no longer present and accessible. It appears that they were destroyed without the appropriate permits or oversight from the Alameda County Public Works Agency. Broadbent has since scouted the compact Site and busy surrounding area for potential locations for new groundwater monitoring wells. Broadbent is in the process of requesting underground and overhead utilities maps to assist in placing the new wells. Broadbent will subsequently prepare an updated work plan along with a site-specific health and safety plan for future site investigation activities. Further status updates will be provided to ACEH when new developments or information becomes available, but at least on a quarterly basis.

**ATTACHMENT:**

Drawing 1: Site Location Map

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

ACEH:	Alameda County Environmental Health	gal:	Gallons
ACPWA:	Alameda County Public Works Agency	GRO:	Gasoline-Range Organics
BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes	HASP:	Health and Safety Plan
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
ft/ft	Feet per foot		



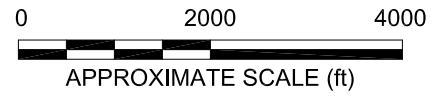
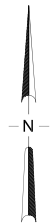
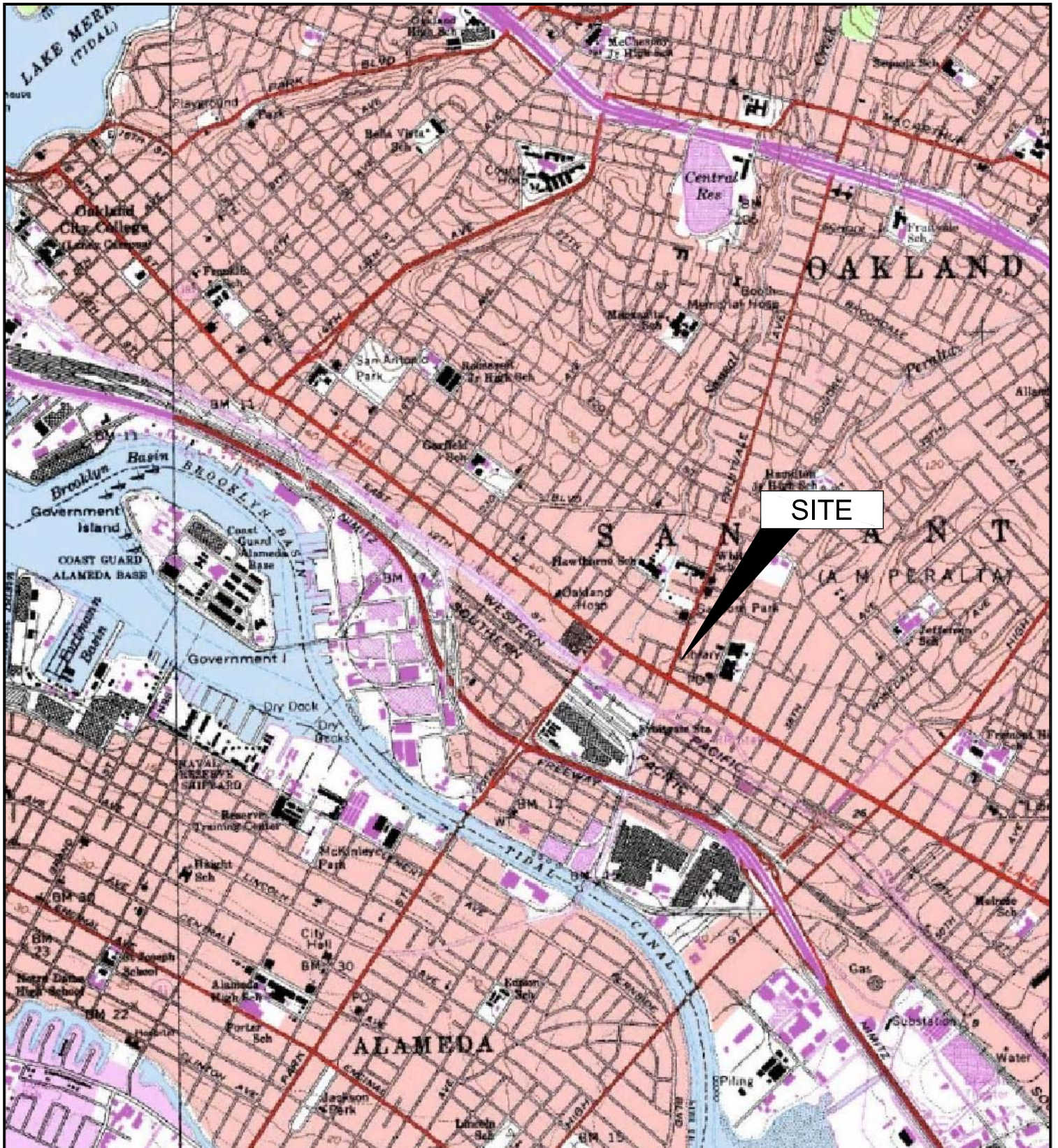


IMAGE SOURCE: USGS