

# Atlantic Richfield Company

**Shannon Couch**  
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April 15, 2013

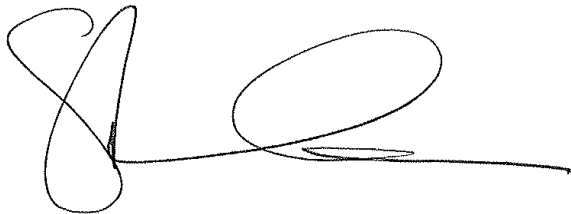
**RECEIVED**

*By Alameda County Environmental Health at 9:27 am, Apr 17, 2013*

Re: First Quarter 2013 Status Report  
Former Richfield Oil Company Station #402  
1450 Fruitvale Avenue, Oakland, California  
ACEH Case #RO0000307

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

April 15, 2013

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 2013 Status Report, Former Richfield Oil Company Station #402,  
1450 Fruitvale Avenue, Oakland, California; ACEH Case #RO0000307

Dear Ms. Couch:

Attached is the First Quarter 2013 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 2013.

Should you have questions regarding this submittal, please do not hesitate to contact me at (707) 455-7290.

Sincerely,  
BROADBENT & ASSOCIATES, INC.



Alexander J. Martinez  
Senior Staff Geologist



Kristene Tidwell, PG, CHG  
Senior Geologist



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 2013  
STATUS REPORT  
FORMER STATION #402, OAKLAND, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *First Quarter 2013 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:	Former Station #402 / 1450 Fruitvale Avenue, Oakland; Drawing 1
Client Project Manager / Title:	Ms. Shannon Couch / Remediation Management Project Manager
Broadbent Contact:	Ms. Kristene Tidwell, (707) 455-7290
Broadbent Project No.:	08-88-602
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000307
Current phase of project:	Assessment
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

**WORK PERFORMED THIS QUARTER (First Quarter 2013):**

1. Submitted *Fourth Quarter 2012 Status Report* on January 25, 2013.
2. No environmental field work was conducted at Former Station #402 during the First Quarter 2013.

**WORK SCHEDULED FOR NEXT QUARTER (Second Quarter 2013):**

1. Submit *First Quarter 2013 Status Report* (contained herein).
2. Submit Revised Work Plan for Monitoring Well Installation and Vapor Intrusion Assessment.

**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* (AEI Consultants, March 3, 2005) had been prepared for Fruitvale-Farnam Associates, LLC. Atlantic Richfield Company had repeatedly attempted without success to collectively implement the approved scope of work with the other listed co-Responsible Parties (RPs) listed in the ACEH letters. BP was recently able to negotiate a final property access agreement with Mr. Phua / Fruitvale-Farnum Associates, LLC, on April 11, 2012.

Broadbent has determined that the monitoring wells previously installed at the Former Station #402 site are no longer accessible. It appears that they were paved over or otherwise rendered inaccessible without the appropriate permits or oversight from the Alameda County Public Works Agency (ACPWA). Broadbent has visited the Site and surrounding area to determined locations for replacement groundwater monitoring wells. On June 19, 2012, Broadbent submitted a *Monitoring Well Installation Work Plan*, which was subsequently retracted. An additional revised Work Plan is currently being prepared in response to an email from the ACEH on January 15, 2013.

**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		



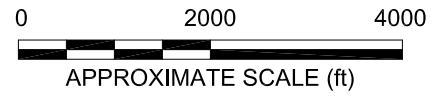
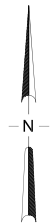
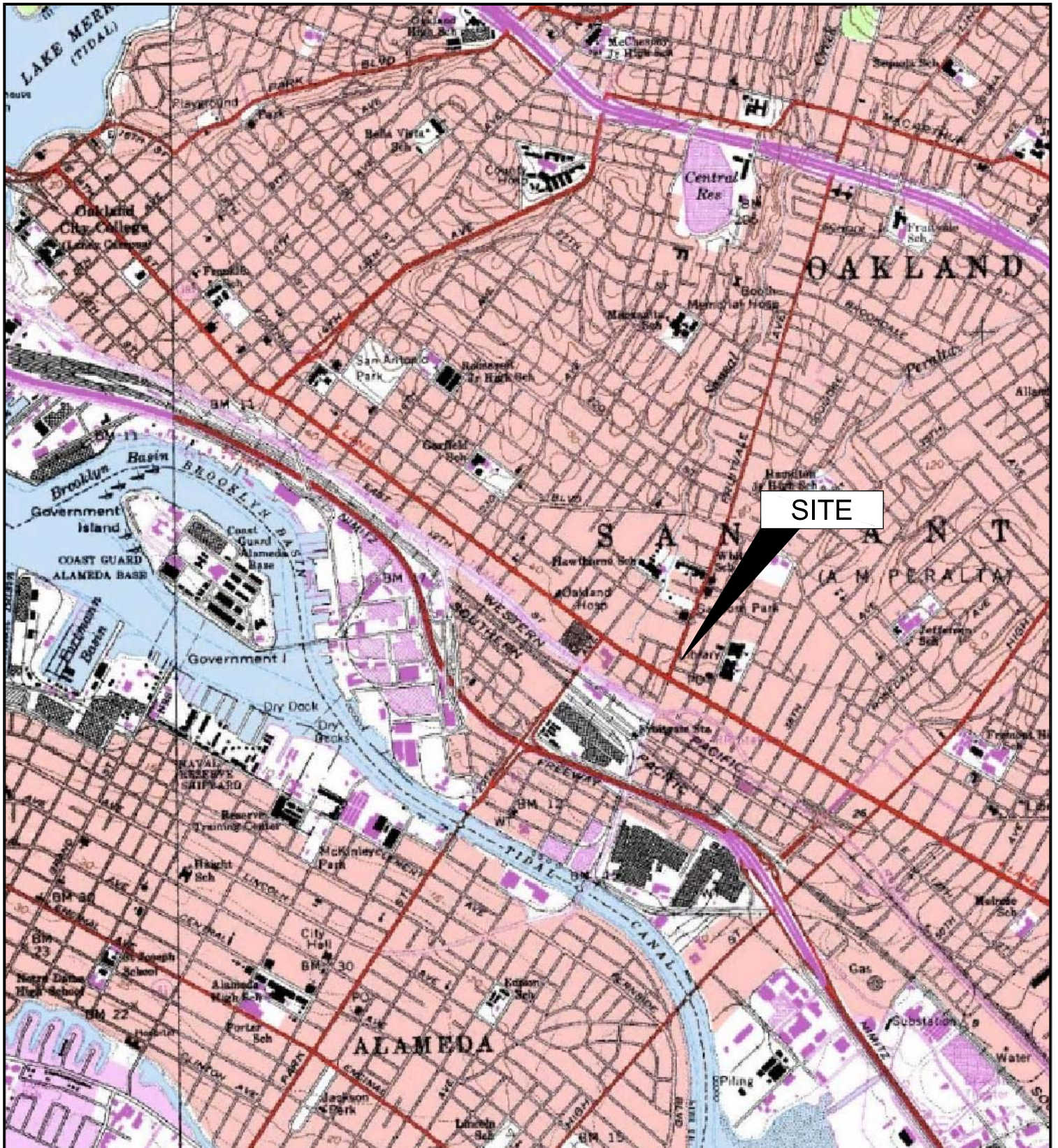


IMAGE SOURCE: USGS