

# Atlantic Richfield Company

**Shannon Couch**  
Operations Project Manager

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**2:43 pm, Apr 11, 2012**

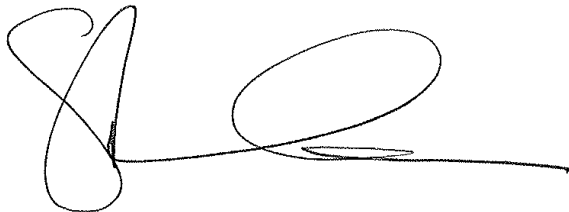
Alameda County  
Environmental Health

April 5, 2012

Re: First Quarter 2012 Status Report  
Atlantic Richfield Company Station #608  
17601 Hesperian Boulevard, San Lorenzo, California  
ACEH Case #RO0000255

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. 06-88-606

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 #608,  
17601 Hesperian Boulevard, San Lorenzo, California; ACEH Case #RO0000255

Dear Ms. Couch:

Attached is the First Quarter 2012 Status Report for Atlantic Richfield Company Station #608 located at 17601 Hesperian Boulevard, San Lorenzo, 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: Mr. Paresh Khatri, Alameda County Environmental Health (submitted via ACEH ftp site)  
Electronic copy uploaded to GeoTracker

**FIRST QUARTER 2012  
STATUS REPORT  
ARCO STATION #608, SAN LORENZO, 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 #608 located in San Lorenzo, 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 #608 / 17601 Hesperian Boulevard, San Lorenzo</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>06-88-606</u>
Primary Regulatory Agency / ID No.:	<u>ACEH, Case #RO0000255</u>
Current phase of project:	<u>Closure</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. Continued steps were taken during First Quarter 2012 towards formal decommissioning of the remediation and monitoring wells and demolition of the former remediation system compound (discussed below).

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

1. Submit *First Quarter 2012 Status Report* (contained herein).
2. Destroy remaining wells and await Remedial Action Completion Certificate from ACEH.

**DISCUSSION:**

The ACEH mailed to Atlantic Richfield Company a letter dated October 27, 2011 requesting that the remaining monitoring and remediation wells associated with the Site be destroyed prior to the ACEH granting a remedial action completion certificate. Broadbent has contracted with a C-57 California-licensed water well drilling contractor for the destruction of the remaining wells associated with the case. These wells will be formally decommissioned during the Second Quarter 2012 under permit and cooperation with the Alameda County Public Works Agency (ACPWA). Broadbent conducted an on-site meeting with the well drilling and pavement restoration contractors during First Quarter 2012. Well locations have been marked for Underground Service Alert (USA) utility clearance and will also be cleared by a private utility locating contractor. Broadbent also completed a traffic control plan for the wells located within Alameda County's public right-of-way and has begun the process of securing an encroachment permit and pavement restoration agreement from the ACPWA. In addition, contractors for the demolition of the system compound have been selected and have conducted a risk assessment meeting with Broadbent and Atlantic Richfield Company. The electrical service meter and power-line drop to the system compound have been removed. A request has been made for the removal of the telephone line service from the nearby utility pole. For reference, a Site Location Map is provided as Drawing 1, and a Site Layout Plan is provided as Drawing 2.

**ATTACHMENTS:**

- Drawing 1: Site Location Map
- Drawing 2: Site Layout Plan

**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



