

Atlantic Richfield Company

Shannon Couch
Operations Project Manager

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January 25, 2013

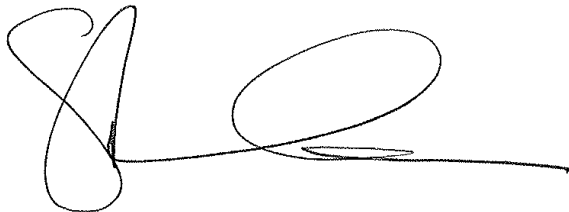
RECEIVED

By Alameda County Environmental Health at 9:55 am, Jan 30, 2013

Re: Fourth 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

January 25, 2013

Project No. 06-88-606

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

Attn.: Ms. Shannon Couch

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

Dear Ms. Couch:

Attached is the Fourth 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 Fourth Quarter of 2012 regarding removal of the former remediation system and formal decommissioning of the remediation and monitoring wells associated with case closure.

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, PE
Senior Engineer



Enclosures

cc: Ms. Dilan Roe, PE, Alameda County Environmental Health (submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

**FOURTH QUARTER 2012
STATUS REPORT
ARCO STATION #608, SAN LORENZO, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Fourth 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:	ARCO Station #608 / 17601 Hesperian Boulevard, San Lorenzo
Client Project Manager / Title:	Ms. Shannon Couch / RM Operations Project Manager
Broadbent Contact:	Mr. Tom Venus, PE / (530) 566-1400
Broadbent Project No.:	06-88-606
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000255
Current phase of project:	Closure
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Fourth Quarter 2012):

1. Submitted *Third Quarter 2012 Status Report* (Broadbent, 10/25/2012).
2. Decommissioned the last remaining monitoring well (MW-13) associated with the case during the last week of November 2012 (Broadbent, Gregg Drilling).
3. Submitted Well Completion Report (DWR Form 188) for MW-13 to DWR and ACPWA.
4. Submitted *Monitoring/Remediation Well Destruction Report* (Broadbent, 12/20/2012) to ACEH.

WORK SCHEDULED FOR NEXT QUARTER (First Quarter 2013):

1. Submit *Fourth Quarter 2012 Status Report* (contained herein).
2. Pursue return of encroachment permit security bonds posted by BP to ACPWA.
3. No environmental field work is currently scheduled during First Quarter 2013.

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 sending a Remedial Action Completion Certificate. During 2012, Broadbent and its subcontractors completed the removal of the former onsite remediation system and destroyed the remaining remediation and monitoring wells associated with the case. Originals and copies of the DWR Well Completion Reports (DWR Form 188's) documenting the destruction were submitted to the DWR and ACPWA, respectively, in accordance with the California Water Code. Copies of the DWR Form 188's were compiled and submitted to the ACEH in the Remediation/Monitoring Well Destruction Report (Broadbent, 12/20/2012). Broadbent and BP are awaiting receipt of a Remedial Action Completion Certificate from the ACEH. In the meantime, Broadbent is pursuing the return of encroachment permit security bonds posted by BP to the ACPWA. For reference, a Site Location Map is provided as Drawing 1.

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
DWR:	California Department of Water Resources	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

