

Atlantic Richfield Company

Shannon Couch
Operations Project Manager

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January 25, 2013

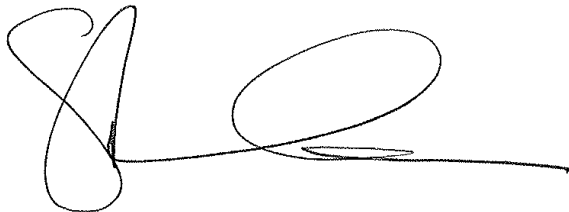
RECEIVED

By Alameda County Environmental Health at 9:57 am, Jan 30, 2013

Re: Fourth Quarter 2012 Status Report
Atlantic Richfield Company Station #2112
1260 Park Street, Alameda, California
ACEH Case #RO0000044

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



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

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January 25, 2013

Project No. 06-88-616

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 #2112,
1260 Park Street, Alameda, California; ACEH Case #RO0000044

Dear Ms. Couch:

Attached is the Fourth Quarter 2012 Status Report for Atlantic Richfield Company Station #2112 located at 1260 Park Street, Alameda, California. This report presents a summary of current developments at the Site through the Fourth 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, PE
Senior Engineer



Enclosures

cc: Ms. Dilan Roe, PE, Alameda County Environmental Health (submitted via ACEH ftp site)
Messrs. Martin Vallejo & Joel Guterrez, M & S Mini Mart, Inc., 1260 Park Street,
Alameda, CA 94501
Electronic copy uploaded to GeoTracker

**FOURTH QUARTER 2012
STATUS REPORT
ARCO STATION #2112, ALAMEDA, 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 #2112 located in Alameda, 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 #2112 / 1260 Park Street, Alameda
Client Project Manager / Title:	Ms. Shannon Couch / RM Operations Project Manager
Broadbent Contact:	Mr. Tom Venus, PE / (530) 566-1400
Broadbent Project No.:	06-88-616
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000044
Current phase of project:	Closure Evaluation
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, 10/19/2012).
2. No environmental field work was conducted at Station #2112 during Fourth Quarter 2012.

WORK SCHEDULED FOR NEXT QUARTER (First Quarter 2013):

1. Submit *Fourth Quarter 2012 Status Report* (contained herein).
2. Submit Site Conceptual Model and Case Closure Request.
3. No environmental field work is currently scheduled to occur during the First Quarter of 2013.

DISCUSSION:

On September 7, 2012 Broadbent submitted to ACEH a *Vapor Intrusion Assessment Report* for Station #2112. BP and Broadbent are awaiting comments from ACEH to the *Vapor Intrusion Assessment Report* (Broadbent, 9/7/2012). Based on the recommendations contained therein, it is recommended that ACEH proceed with processing the case closure and issue a Remedial Action Completion Certificate. To assist, Broadbent is preparing a Site Conceptual Model and Case Closure Request for submittal during First Quarter 2013. 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
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

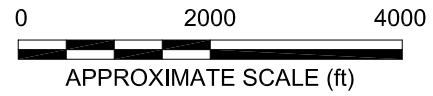
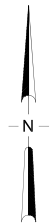
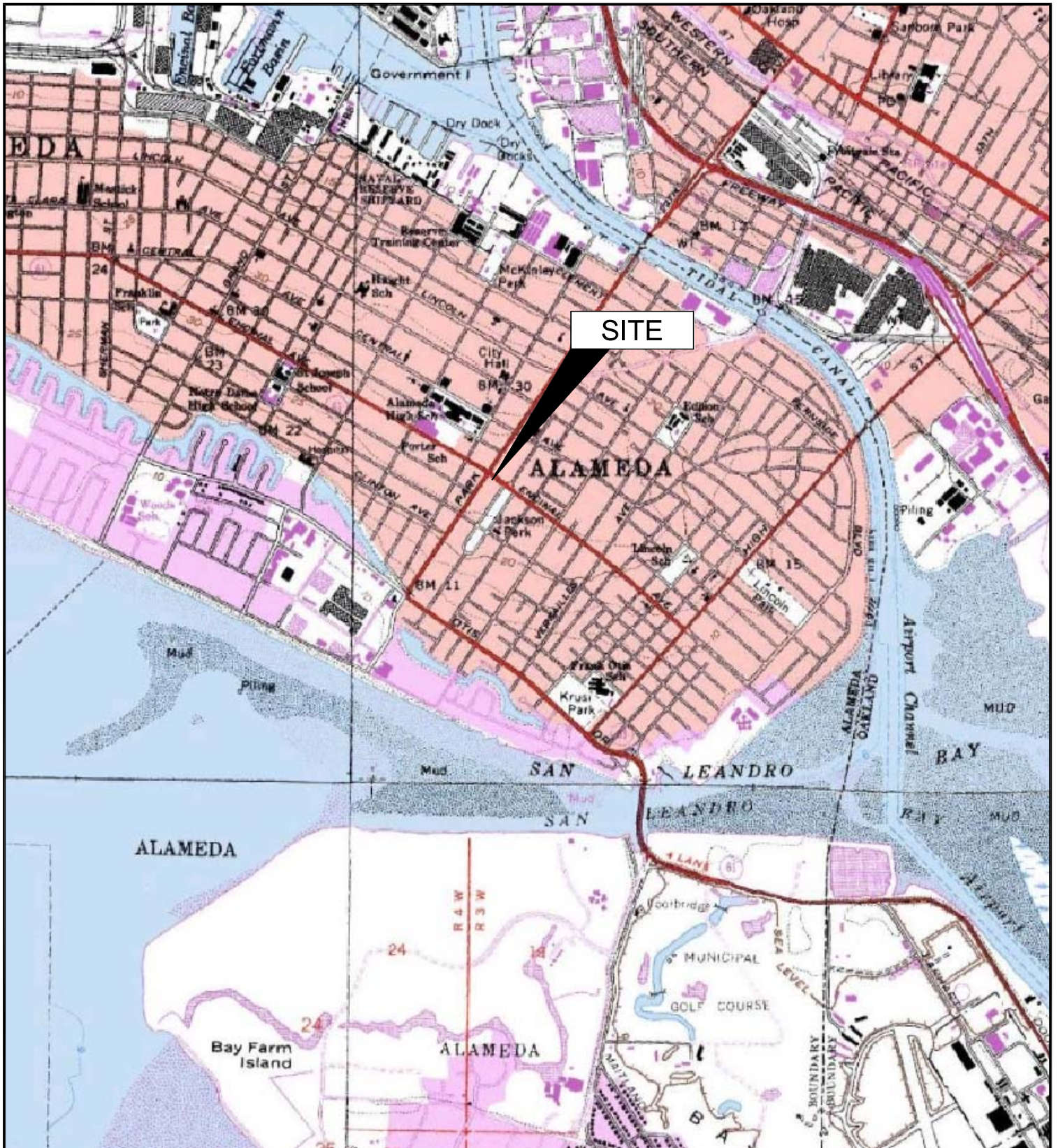


IMAGE SOURCE: USGS