

# Atlantic Richfield Company

**Shannon Couch**  
Operations Project Manager

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January 25, 2013

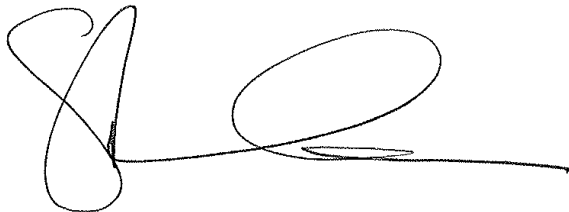
**RECEIVED**

*By Alameda County Environmental Health at 10:00 am, Jan 30, 2013*

Re: Fourth Quarter 2012 Status Report  
Atlantic Richfield Company Station #2169  
889 West Grand Avenue, Oakland, California  
ACEH Case #RO0000072

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



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[broadbentinc.com](http://broadbentinc.com)

*Creating Solutions. Building Trust.*

January 25, 2013

Project No. 06-88-621

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 #2169,  
889 West Grand Avenue, Oakland, California; ACEH Case #RO0000072

Dear Ms. Couch:

Attached is the Fourth Quarter 2012 Status Report for Atlantic Richfield Company Station #2169 located at 889 West Grand Avenue, Oakland, 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.

A handwritten signature in blue ink that reads 'Thomas A. Venus'.

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 #2169, OAKLAND, 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 #2169 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:	ARCO Station #2169 / 889 West Grand Avenue, Oakland
Client Project Manager / Title:	Ms. Shannon Couch / RM Operations Project Manager
Broadbent Contact:	Mr. Tom Venus, PE / (530) 566-1400
Broadbent Project No.:	06-88-621
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000072
Current phase of project:	Monitoring, 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 Monitoring Report* (Broadbent, 10/25/2012).
2. No environmental field work was conducted at Station #2169 during the Fourth Quarter of 2012.

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

1. Submit *Fourth Quarter 2012 Status Report* (contained herein).
2. Prepare and submit UST Case Summary and Closure Request report.

**DISCUSSION:**

Groundwater monitoring and sampling is next scheduled to be conducted at ARCO Station #2169 during First Quarter 2013. The Site appears to meet the criteria for case closure under the State Water Resources Control Board's recently published Water Quality Control Policy for Low-Threat Underground Storage Tank Case Closure. Broadbent proposes to prepare a UST Case Summary and Closure Request report for submittal to ACEH during the 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
APN:	Assessor's Parcel Number	GRO:	Gasoline-Range Organics
BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes	LNAPL:	Light Non-Aqueous Phase Liquid
1,2-DCA:	1,2-Dichloroethane	MTBE:	Methyl Tertiary Butyl Ether
DIPE:	Di-Isopropyl Ether	NO <sub>3</sub> :	Nitrate as Nitrogen
DO:	Dissolved Oxygen	ppb:	parts per billion
DRO:	Diesel-Range Organics	SO <sub>4</sub> :	Sulfate
EDB:	1,2-Dibromomethane	TAME:	Tert-Amyl Methyl Ether
Eh:	Oxidation Reduction Potential	TBA:	Tertiary Butyl Ether
EPA:	Environmental Protection Agency	TOC:	Top of Casing
ETBE:	Ethyl Tertiary Butyl Ether	ROW:	Right of way
Fe <sup>2+</sup> :	Ferrous Iron	µg/L:	micrograms per liter

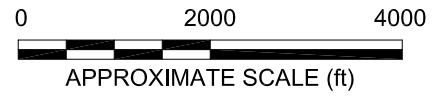
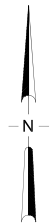
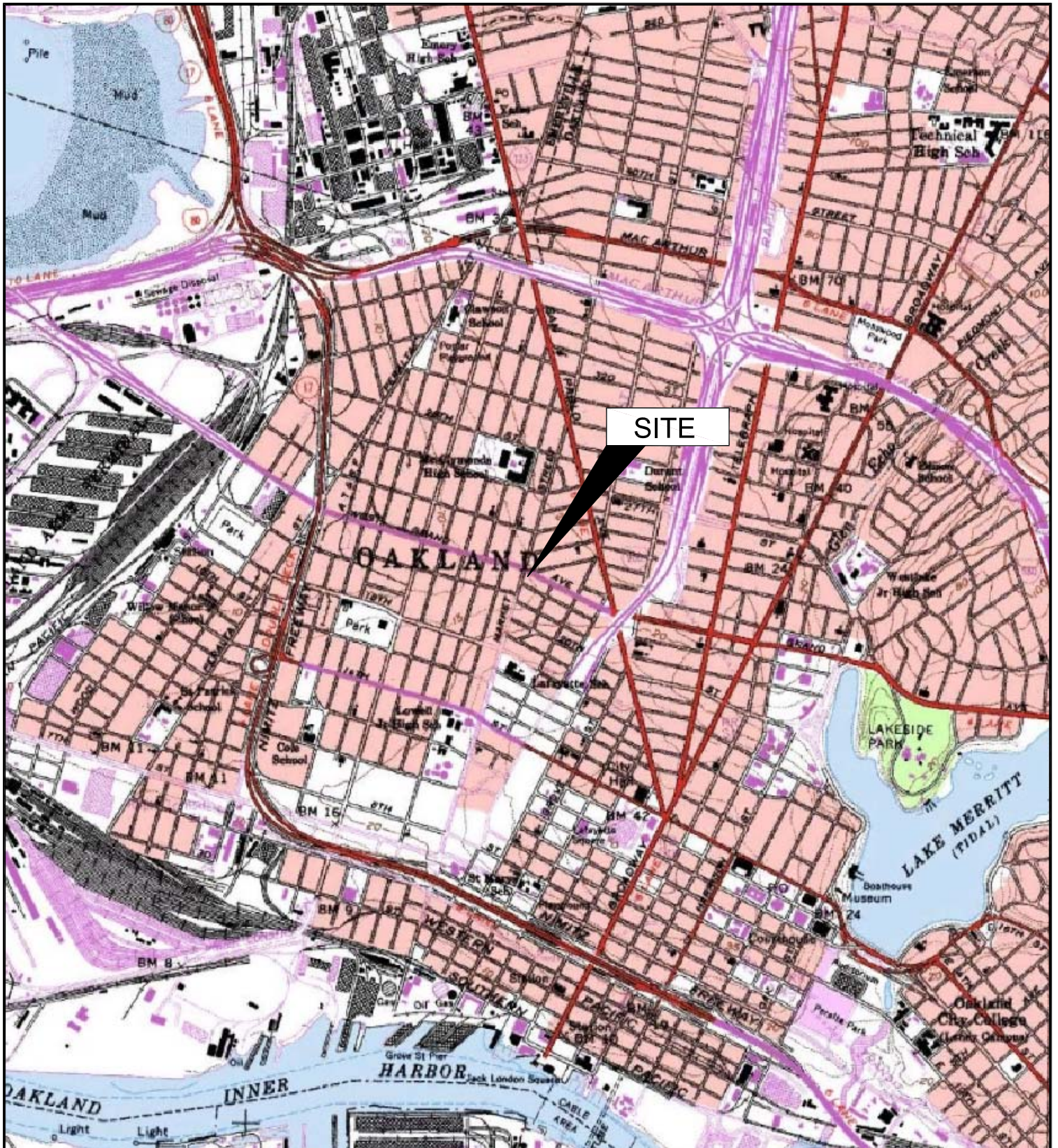


IMAGE SOURCE: USGS