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By Alameda County Environmental Health at 2:58 pm, Jan 27, 2014

Atlantic Richfield Company

Chuck Carmel
Remediation Management Project Manager

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January 24, 2014

Re: Fourth Quarter 2013 Status Report
Atlantic Richfield Company Station No. 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,



Chuck Carmel
Remediation Management Project Manager

Attachment





BROADBENT

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broadbentinc.com

Creating Solutions. Building Trust.

January 24, 2014

Project No. 06-88-616

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

Attn.: Mr. Chuck Carmel

Re: Fourth Quarter 2013 Status Report, Atlantic Richfield Company Station No. 2112,
1260 Park Street, Alameda, California; ACEH Case #RO0000044

Dear Mr. Carmel:

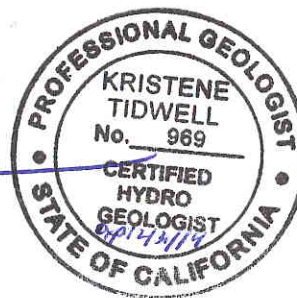
Attached is the Fourth Quarter 2013 Status Report for Atlantic Richfield Company Station No. 2112 located 1260 Park Street, Alameda, California. This report presents a summary of current developments at the Site through the Fourth Quarter of 2013.

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

Sincerely,

BROADBENT & ASSOCIATES, INC.

Kristene Tidwell, P.G., C.Hg.
Senior Geologist



Enclosures

cc: Mr. Jerry Wickham, 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 2013
STATUS REPORT
ARCO STATION No. 2112, ALAMEDA, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Fourth Quarter 2013 Status Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for ARCO Station No. 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 No. 2112 / 1260 Park Street, Alameda
Client Project Manager / Title:	Mr. Chuck Carmel / RM Operations Project Manager
Broadbent Contact:	Ms. Kristene Tidwell / (707) 455-7290
Broadbent Project No.:	06-88-616
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000044
Current phase of project:	Closure Evaluation/ Public Review
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Fourth Quarter 2013):

1. Submitted *Third Quarter 2013 Status Report* October 15, 2013.
2. Collected groundwater samples from three wells October 2, 2013 in order to evaluate potential former waste oil tank release concerns, as discussed in a previous meeting with the ACEH.
3. Submitted *Addendum to the Conceptual Site Model and Case Closure Request* dated November 21, 2013. Results of the October 2, 2013 sampling were documented therein.
4. Received a *Landowner and Public Notification* letter from the ACEH dated December 31, 2013, indicating that the Site in the public review period for Case Closure.

WORK SCHEDULED FOR NEXT QUARTER (FIRST QUARTER 2014):

1. Submit *Fourth Quarter 2013 Status Report* (contained herein).
2. Wells will be decommissioned after public review period is expired after March 6, 2014.

DISCUSSION:

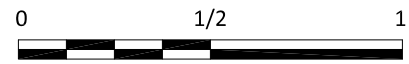
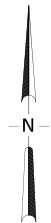
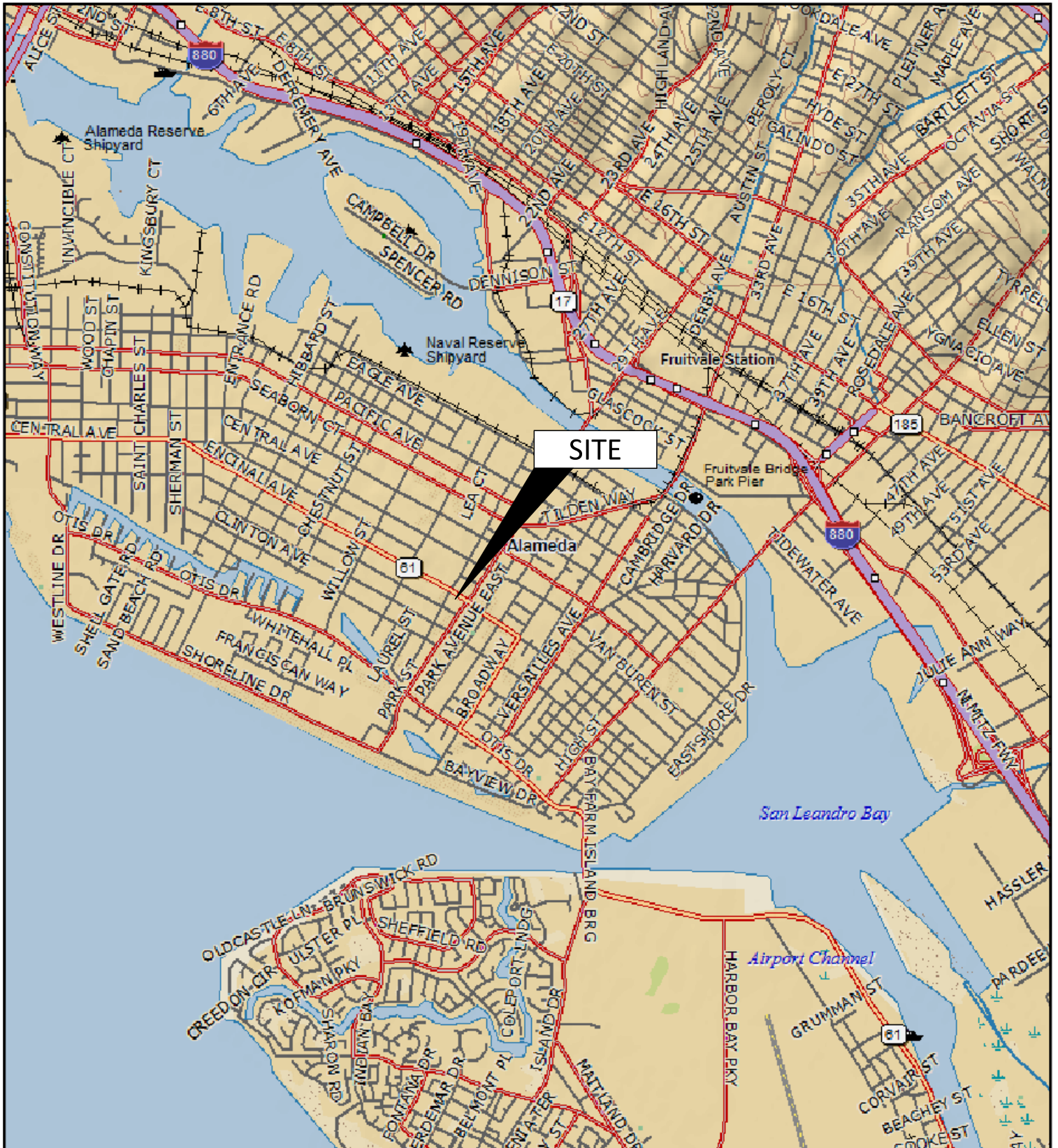
The Site is currently in public review for Site Closure. It is estimated that Site well decommissioning activities and other closure related activities will be performed during the first and second quarters, 2014.

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



APPROXIMATE SCALE (mi)

IMAGE SOURCE: USGS