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By Alameda County Environmental Health at 3:41 pm, Jan 24, 2014

## Atlantic Richfield Company

**Chuck Carmel**

Remediation Management Project Manager

PO Box 1257  
San Ramon, CA 94583  
Phone: (925) 275-3804  
Mobile: (510) 798-8314  
E-Mail: chuck.carmel@bp.com

January 24, 2014

Re: Fourth Quarter 2013 Status Report  
Former Richfield Oil Company Station #402  
1450 Fruitvale Avenue, Oakland, California  
ACEH Case #RO0000307

"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**

875 Cotting Ln., Suite G, Vacaville, CA 95688

[T] 707-455-7290 [F] 707-455-7295

broadbentinc.com

***Creating Solutions. Building Trust.***

January 24, 2014

Project No. 08-88-602

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

Attn.: Mr. Chuck Carmel

Re: Fourth Quarter 2013 Status Report, Former Richfield Oil Company Station No. 402,  
1450 Fruitvale Avenue, Oakland, California; ACEH Case #RO0000307

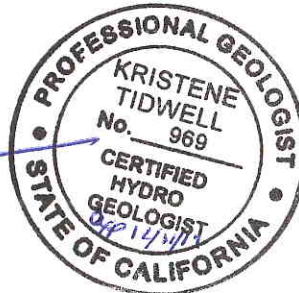
Dear Mr. Carmel:

Attached is the Fourth Quarter 2013 Status Report for Former Richfield Oil Company Station No. 402 located at 1450 Fruitvale Avenue in Oakland, California. This report presents a summary of current developments at the Site through the Third Quarter 2013.

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

Sincerely,  
BROADBENT & ASSOCIATES, INC.

Kristene Tidwell, P.G., CHG  
Senior Geologist



Enclosures

cc: Ms. Karel Detterman, Alameda County Environmental Health (submitted via ACEH ftp site)  
Mr. Bill Phua, Fruitvale-Farnum Associates, LLC, 638 Webster St. #300, Oakland, CA 94607  
Mr. Hugh K. Phares, III, Attorney at Law, 911 Paru St, Alameda, CA 94501-4033  
Electronic copy uploaded to GeoTracker

**FOURTH QUARTER 2013  
STATUS REPORT  
FORMER STATION No. 402, OAKLAND, 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 Former Richfield Oil Company Station No. 402 located on 1450 Fruitvale Avenue 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:	Former Station No. 402 / 1450 Fruitvale Avenue, Oakland
Client Project Manager / Title:	Mr. Chuck Carmel / Remediation Management Project Manager
Broadbent Contact:	Ms. Kristene Tidwell, PG, CHG / (707) 455-7290
Broadbent Project No.:	08-88-602
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000307
Current phase of project:	Assessment
List of Acronyms / Abbreviations:	ACEH: Alameda County Environmental Health ACPWA: Alameda County Public Works Agency ARC: Atlantic Richfield Company

**WORK PERFORMED THIS QUARTER (Fourth Quarter 2013):**

1. Submitted *Third Quarter 2013 Status Report* on October 15, 2013.
2. Implemented the scope of work outlined in Broadbent's May 28, 2013 *Revised Work Plan for Monitoring Well Installation and Vapor Intrusion Assessment*.

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

1. Submit *Fourth Quarter 2013 Status Report* (contained herein).
2. Submit a report documenting the recently-conducted field activities.

**DISCUSSION:**

Broadbent carried out the scope of work outlined in the *Revised Work Plan for Monitoring Well Installation and Vapor Intrusion Assessment* dated May 28, 2013 during the fourth quarter 2013. The investigation included installation and sampling of four groundwater monitoring wells and three soil vapor probe sampling locations. A report documenting all recent site activities related to the recent investigation is currently being prepared and will be submitted to the ACEH by February 28, 2014. .

**ATTACHMENT:**

Drawing 1: Site Location Map



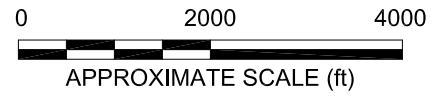
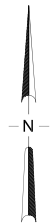
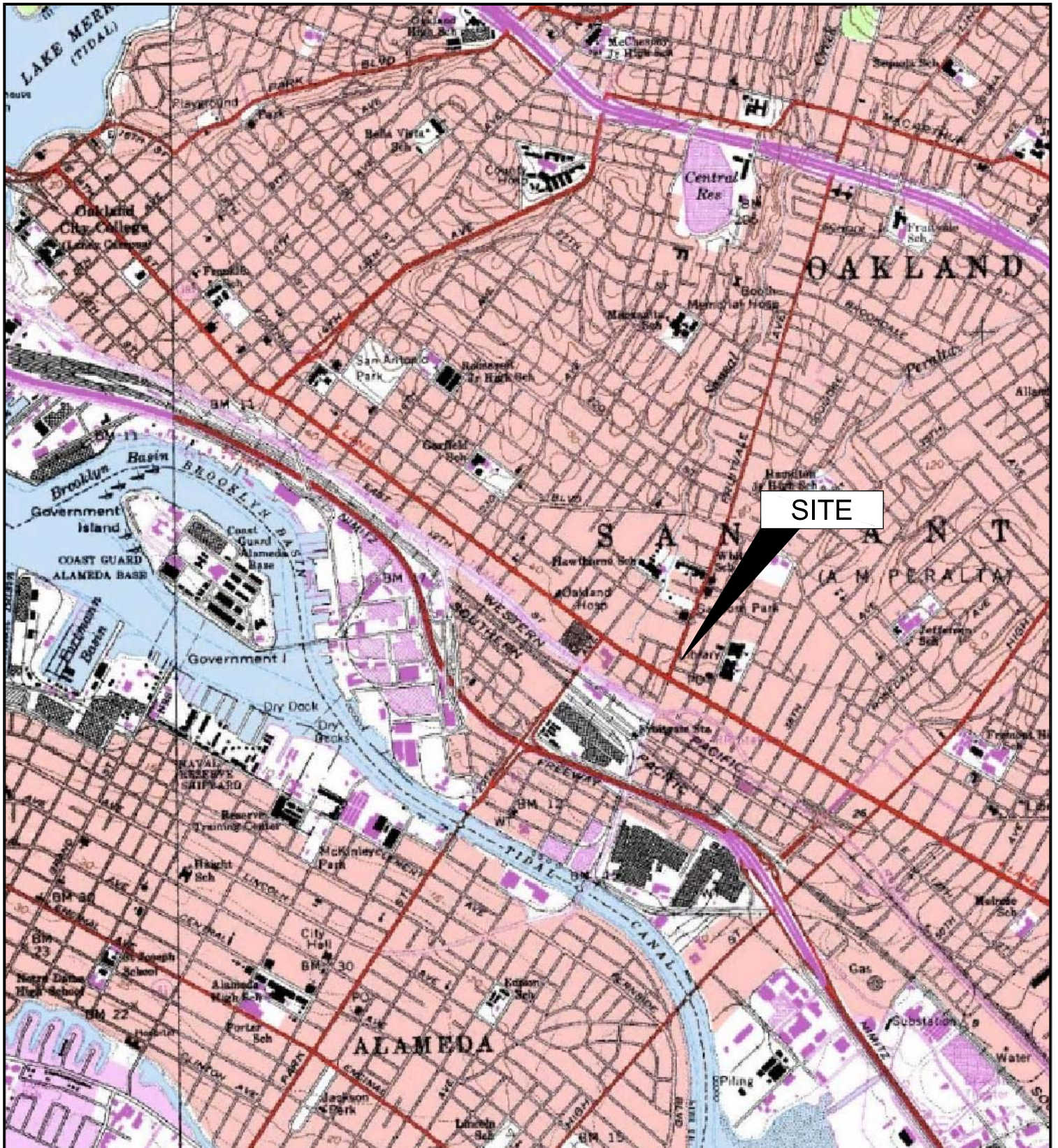


IMAGE SOURCE: USGS

**BROADBENT & ASSOCIATES, INC**  
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
 1324 Mangrove Ave. Suite 212, Chico, CA 95926  
 Project No.: 08-88-602 Date: 10/9/09

Station #402  
 1450 Fruitvale Avenue  
 Oakland, California

Site Location Map

Drawing  
**1**