

# Atlantic Richfield Company

**Chuck Carmel**  
Environmental Business Manager

**RECEIVED**

1:16 pm, Aug 02, 2010

**Alameda County  
Environmental Health**

PO Box 1257  
San Ramon, CA 94583  
Phone: (925) 275-3803  
Fax: (925) 275-3815  
E-Mail: charles.carmel@bp.com

July 19, 2010

Re: Second Quarter 2010 Status Report  
Atlantic Richfield Company Station #2107  
3310 Park Boulevard, Oakland, California  
ACEH Case #RO0002526

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  
Environmental Business Manager

Attachment:

Broadbent & Associates, Inc.  
875 Cotting Ln., Suite G  
Vacaville, CA 95688  
(707) 455-7290 Tel  
(707) 455-7295 Fax



July 19, 2010

Project No. 06-88-614

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

Attn.: Mr. Chuck Carmel

Re: Second Quarter 2010 Status Report, Atlantic Richfield Company Station #2107,  
3310 Park Boulevard, Oakland, California; ACEH Case #RO0002526

Dear Mr. Carmel:

Attached is the *Second Quarter 2010 Groundwater Monitoring Report* for Atlantic Richfield Company (a BP affiliated company) Station #2107 located at, 3310 Park Boulevard, Oakland, Alameda County, California (Site). This report presents results of groundwater monitoring conducted at the Site during the Second Quarter of 2010.

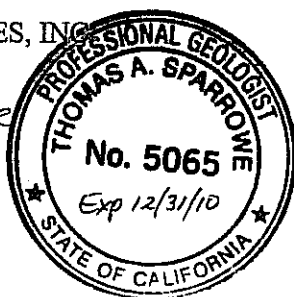
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact me at (707) 455-7290.

Sincerely,

BROADBENT & ASSOCIATES, INC.

A handwritten signature in cursive script that reads 'Thomas A. Sparrowe'.

Thomas A. Sparrowe, P.G.  
Senior Geologist



Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health (Submitted via ACEH flip site)  
Electronic copy uploaded to GeoTracker

## STATION # 2107 QUARTERLY STATUS REPORT

Facility: #2107	Address:	3310 Park Boulevard, Oakland, California
Environmental Business Manager:		Mr. Chuck Carmel
Consulting Co./Contact Person:		Broadbent & Associates, Inc.(BAI)/Mr. Tom Sparrowe, PG (707) 455-7290
Consultant Project No.:		06-88-614
Primary Agency/Regulatory ID No.:		Alameda County Environmental Health (ACEH) ACEH Case # RO0002526
Facility Permits/Permitting Agency:		NA

### WORK PERFORMED THIS QUARTER (Second Quarter 2010):

1. Prepared and submitted *First Quarter 2010 Groundwater Monitoring Report* (BAI, 10/30/2009).
2. No environmental field activities occurred at the Site during Second Quarter 2010.

### WORK PROPOSED FOR NEXT QUARTER (First Quarter 2010):

1. Prepared and submitted this *Second Quarter 2010 Groundwater Monitoring Report* (contained herein).
2. Conduct Third Quarter 2010 semi-annual groundwater monitoring/sampling event.
3. Prepare and submit *Third Quarter 2010 Groundwater Monitoring and Sampling Report*.

### QUARTERLY RESULTS SUMMARY:

Current phase of project:	<b>Groundwater Monitoring/Sampling</b>
Frequency of groundwater monitoring:*	<b>Semi-Annually (1Q &amp; 3Q): MW-11A, MW-11B, MW-12A, MW-12B, MW-13A, MW-13B</b>
Frequency of groundwater sampling:*	<b>Semi-Annually (1Q &amp; 3Q): MW-11A, MW-11B, MW-12A, MW-12B, MW-13A, MW-13B</b>
Is free product (FP) present on-site:	<b>No</b>
FP recovered this quarter:	<b>NA</b>
Current remediation techniques:	<b>NA</b>
Depth to ground water (below TOC):	<b>NA</b>
General ground-water flow direction:	<b>NA</b>
Approximate hydraulic gradient:	<b>NA</b>

\* Current schedule through First Quarter 2010. Proposed modifications discussed below.

### DISCUSSION:

No environmental field work was conducted by Broadbent & Associates at the Site during the Second Quarter of 2010. The most recent groundwater monitoring/sampling occurred during the First Quarter of 2010, the results of which are contained within the *First Quarter 2010 Ground-Water Monitoring Report* (BAI, 4/30/10). For immediate reference, a site location map is provided as Drawing 1 and a groundwater elevation and analytical summary map, dated February 19, 2010, is provided as Drawing 2.

### ATTACHMENTS:

- Drawing 1. Site Location Map, Station #2107, 3310 Park Boulevard, Oakland, California
- Drawing 2. Ground-Water Elevation Contour and Analytical Summary Map, 11 November 2009, Station #2107, 3310 Park Boulevard, Oakland, California

## **DRAWINGS**

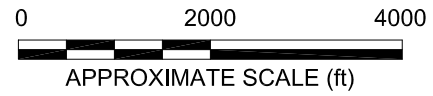
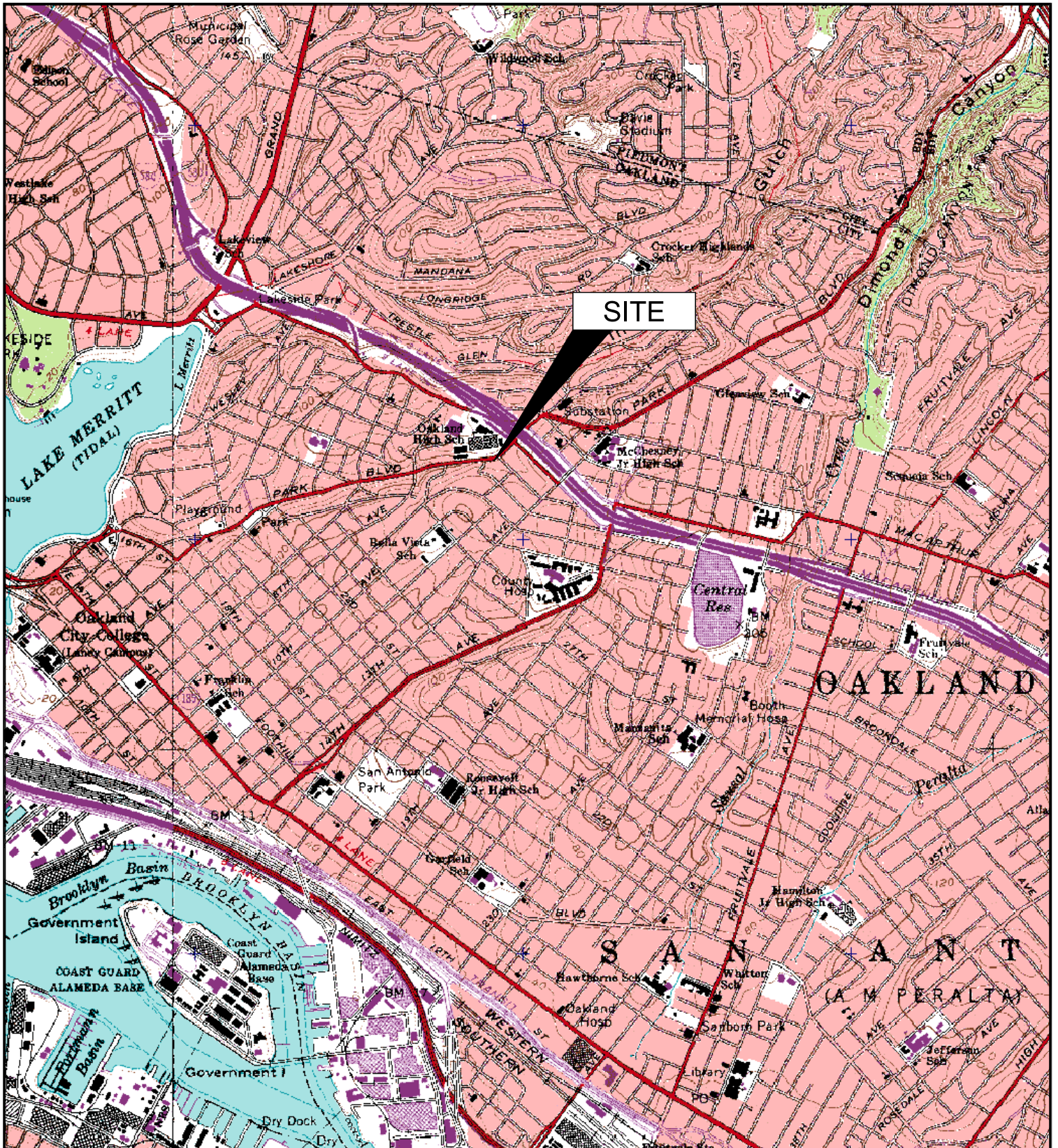


IMAGE SOURCE: USGS

**BROADBENT & ASSOCIATES, INC**  
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
1324 Mangrove Ave, Suite 212, Chico, CA 95926  
Project No.: 06-88-614 Date: 07/22/09

Station #2107  
3310 Park Boulevard  
Oakland, California

Site Location Map

Drawing  
**1**

Oakland High School

MW-13A	MW-13B
111.12*	111.65
<50	<50
<0.50	<0.50
15	19
Q	Q

MW-12A	MW-12B
111.51*	109.77
<50	52
<0.50	<5.0
32	620
Q	Q

PARK BLVD.

MW-11B	MW-11A
113.72	111.95*
68	1,300
<2.5	20
180	340
Q	Q

E. 34th ST.

33rd St.

Building

PARKING STALLS

**LEGEND**

- MONITORING WELL LOCATION
- DESTROYED WELL LOCATION
- HYDRO PUNCH LOCATION
- SOIL BORING LOCATION
- HYDRO PUNCH AND SOIL BORING LOCATION

Well	WELL DESIGNATION
ELEV	GROUND-WATER ELEVATION (FT NAVD88)
GRO	CONCENTRATIONS OF GRO, BENZENE & MTBE IN MICROGRAMS PER LITER (µg/L)
Benzene	
MTBE	
Q	SAMPLING FREQUENCY

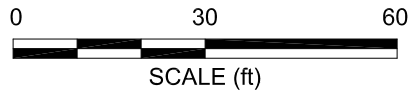
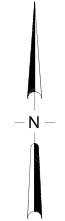
GROUND-WATER FLOW DIRECTION AND GRADIENT (FT/FT)

— 111 GROUND-WATER ELEVATION CONTOUR (FEET)

Q SAMPLED QUARTERLY

< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT

\* WELL NOT USED TO GENERATE CONTOURS



**BROADBENT & ASSOCIATES, INC.**  
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
 1324 Mangrove Ave. Suite 212, Chico, California  
 Project No.: 06-88-614 Date: 03/24/10

Station #2107  
 3310 Park Boulevard  
 Oakland, California

Ground-Water Elevation Contours  
 and Analytical Summary Map  
 19 February 2010

Drawing  
**2**