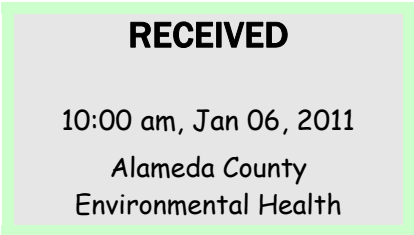


# Atlantic Richfield Company

**Chuck Carmel**  
Environmental Business Manager

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



January 5, 2011

Re: Fourth Quarter 2010 Status Report  
Atlantic Richfield Company Service Station #276  
10600 MacArthur Boulevard, Oakland, California  
ACEH Case #RO0002565

"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,

A handwritten signature in black ink, appearing to be "Chuck Carmel", enclosed within a hand-drawn oval.

Chuck Carmel  
Environmental Business Manager

Attachment

January 5, 2010

Project No. 06-88-601

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

Attn.: Mr. Chuck Carmel

Re: Fourth Quarter 2010 Status Report, Atlantic Richfield Company Station #276  
10600 MacArthur Boulevard, Oakland, Alameda County, California  
ACEH Case #RO0002565

Dear Mr. Carmel:

Provided herein is the *Fourth Quarter 2010 Status Report* for Atlantic Richfield Company (a BP affiliated company) Station #276 located at 10600 MacArthur Boulevard, Oakland, Alameda County, California (Site). This report presents a summary of current developments at the Site through the Fourth Quarter of 2010.

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

Sincerely,

BROADBENT & ASSOCIATES, INC.

  
Thomas A. Sparrowe, P.G.  
Senior Geologist



Enclosures

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

## STATION #276 QUARTERLY STATUS REPORT

Facility: #276	Address:	10600 MacArthur 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.:		06-88-601
Primary Agency/Regulatory ID No.:		Alameda County Environmental Health (ACEH) ACEH Case #RO0002565
Facility Permits/Permitting Agency:		NA

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

1. ARCO received a *Monitoring Well Destruction* letter from ACEH dated September 16, 2010 requesting that the Site monitor wells be destroyed as a condition of case closure approval.
2. BAI initiated on-site monitor and remediation well abandonment activities.
3. Completed and submitted a *Landowner Notification Form* to ACEH on October 18, 2010.
4. Obtained Well Destruction Drilling Permits (W2010-0978 through W2010-0987) from Alameda County Public Works Agency (ACPWA).
5. Completed the *Fourth Quarter 2010 Status Report* (contained herein).

### WORK PROPOSED FOR NEXT QUARTER (First Quarter 2011):

1. As requested by ACEH, BAI will continue well destruction activities during the First Quarter 2011 followed by a *Monitoring Well Destruction Report* to be submitted to ACEH by March 15, 2010.

### DISCUSSION:

No groundwater monitoring or sampling work activities took place at the Site during Fourth Quarter 2010. ARCO received a September 16, 2010 *Monitoring Well Destruction* letter from ACEH requesting that the Site monitor and remediation wells be destroyed as part of the case closure approval process. BAI is in the process of conducting well destruction activities at the Site. For reference, a Site Location Map is provided as Drawing 1. Provided as Drawing 2 is the Groundwater Elevation Contours and Analytical Summary Map from the *Third Quarter 2010 Groundwater Monitoring Report* (BAI, 10/05/2010) for groundwater monitoring/sampling conducted on August 10, 2010.

### ATTACHMENTS:

- Drawing 1. Site Location Map, Station #276, 10600 MacArthur Boulevard, Oakland, California
- Drawing 2. Groundwater Elevation Contour and Analytical Summary Map, August 10, 2010, Station #276, 10600 MacArthur Boulevard, Oakland, California

## **DRAWINGS**



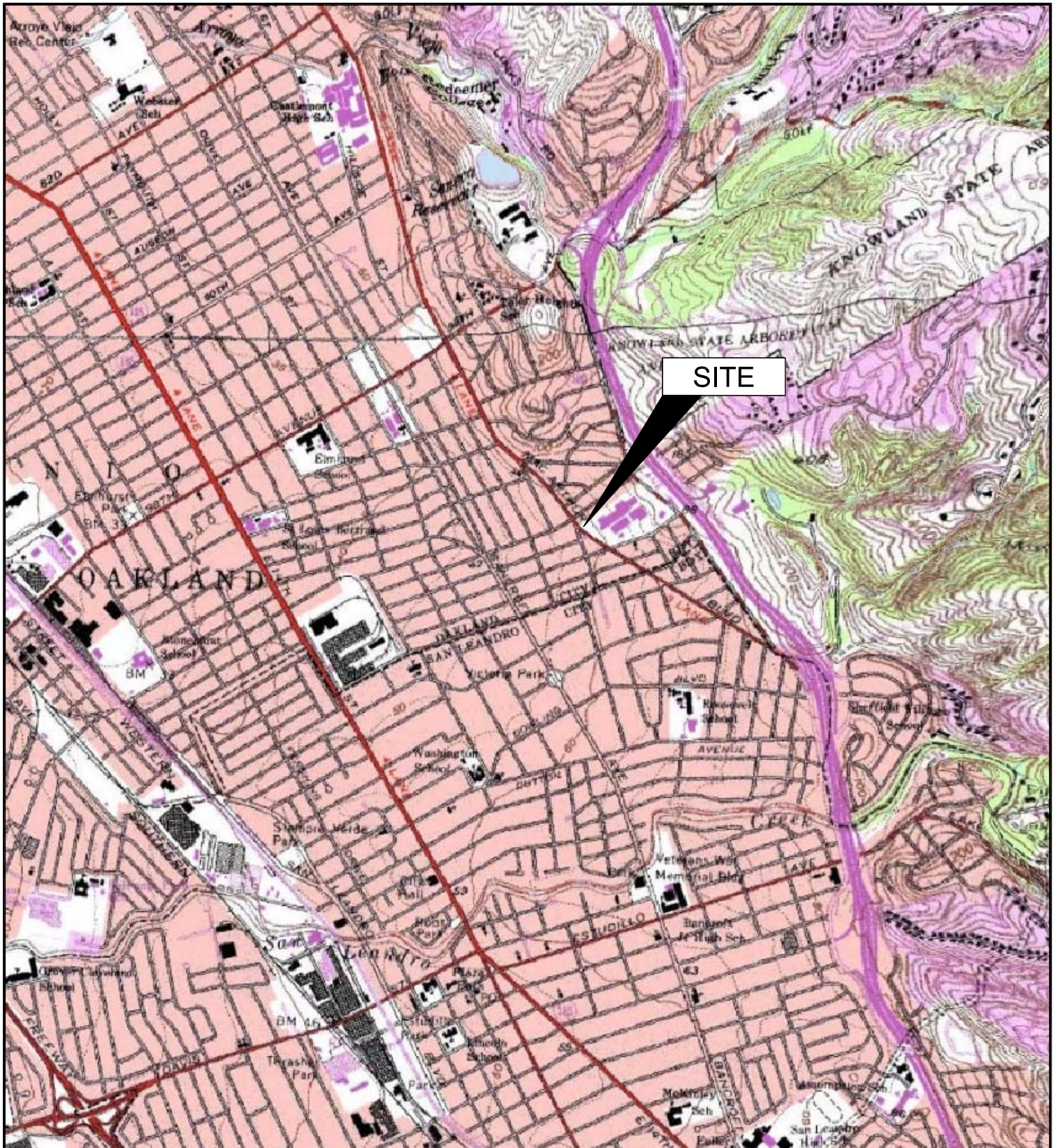


IMAGE SOURCE: USGS

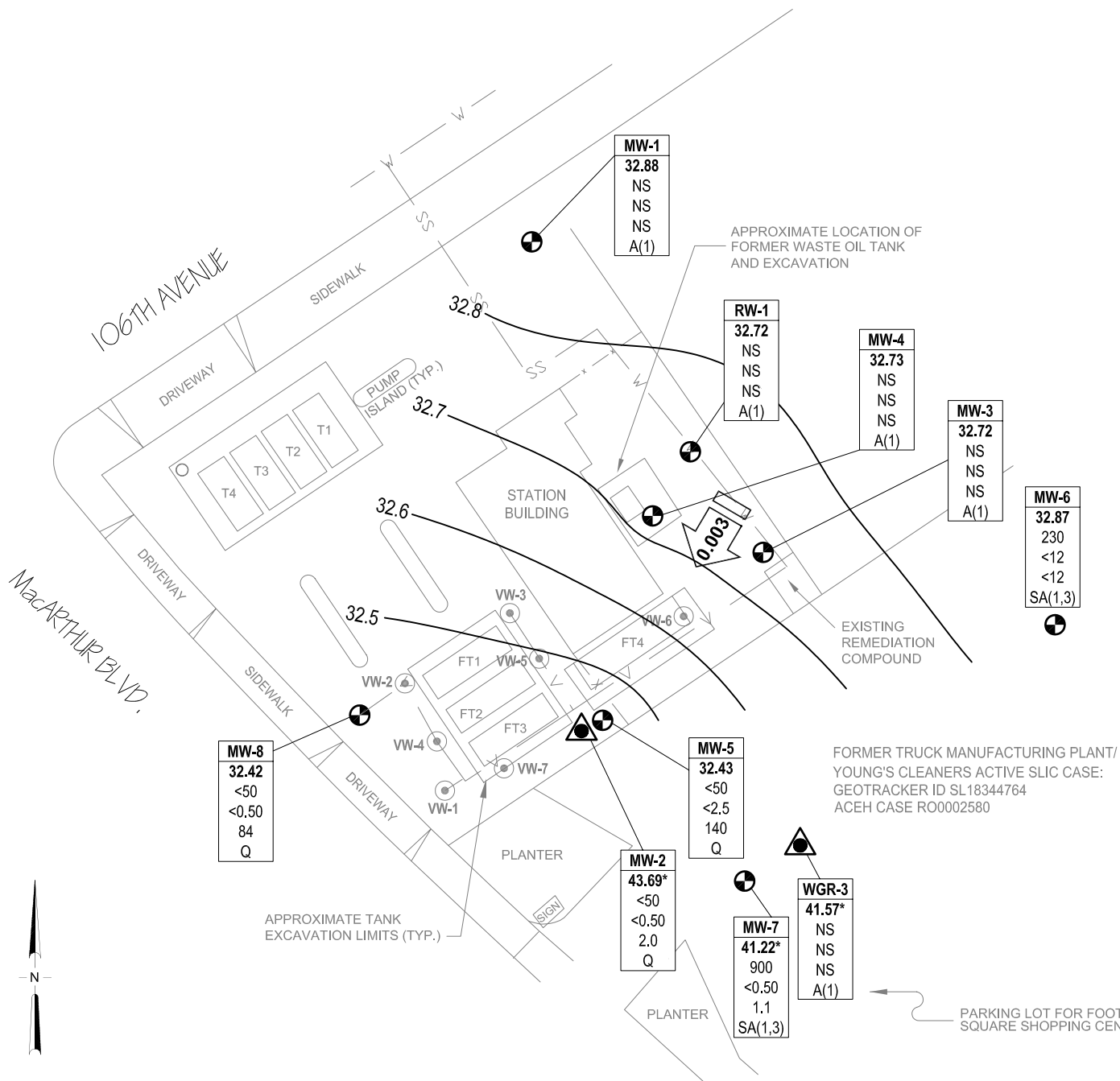
**BROADBENT & ASSOCIATES, INC**  
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
 1324 Mangrove Ave. Suite 212, Chico, CA 95926  
 Project No.: 06-88-601 Date: 9/1/09

Station #276  
 10600 MacArthur Boulevard  
 Oakland, California

Site Location Map

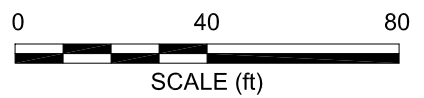
Drawing  
**1**





- LEGEND**
- TANK PIT WELL
  - ▲ SHALLOW MONITORING WELL
  - ⊕ MONITORING WELL
  - ⊙ VAPOR EXTRACTION WELL
  - 34.0 GROUND-WATER ELEVATION CONTOURS (FT NAVD88)
  - 0.003 GROUND-WATER FLOW DIRECTION AND GRADIENT (FT/FT)
- | Well  | ELEV   | GRO | Benzene | MTBE | Q/SA/A  |
|-------|--------|-----|---------|------|---------|
| MW-1  | 32.88  | NS  | NS      | NS   | A(1)    |
| MW-2  | 43.69* | <50 | <0.50   | 2.0  | Q       |
| MW-3  | 32.72  | NS  | NS      | NS   | A(1)    |
| MW-4  | 32.73  | NS  | NS      | NS   | A(1)    |
| MW-5  | 32.43  | <50 | <2.5    | 140  | Q       |
| MW-6  | 32.87  | 230 | <12     | <12  | SA(1,3) |
| MW-7  | 41.22* | 900 | <0.50   | 1.1  | SA(1,3) |
| MW-8  | 32.42  | <50 | <0.50   | 84   | Q       |
| WGR-3 | 41.57* | NS  | NS      | NS   | A(1)    |
- \* NOT INCLUDED IN CONTOURING
  - A(1) SAMPLED ANNUALLY, 1ST QUARTER
  - Q SAMPLED QUARTERLY
  - SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
  - x — FENCE LINE
  - ss — SANITARY SEWER LINE
  - v — VAPOR LINE
  - w — WATER LINE

FORMER TRUCK MANUFACTURING PLANT/  
 YOUNG'S CLEANERS ACTIVE SLIC CASE:  
 GEOTRACKER ID SL18344764  
 ACEH CASE R00002580



**BROADBENT & ASSOCIATES, INC.**  
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
 1324 Mangrove Ave. Suite 212, Chico, California  
 Project No.: 06-88-601 Date: 9/10/2010

Station #276  
 10600 MacArthur Boulevard  
 Oakland, California

Ground-Water Elevation Contour  
 and Analytical Summary Map  
 August 10, 2010

Drawing  
**2**