

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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11:53 am, May 02, 2011

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

April 29, 2011

Re: First Quarter 2011 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,



Chuck Carmel
Environmental Business Manager

Attachment

April 29, 2011

Project No. 06-88-601

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

Attn.: Mr. Chuck Carmel

Re: First Quarter 2011, Status Report, Atlantic Richfield Company Station #276,
10600 MacArthur Boulevard, Oakland, Alameda County, California
ACEH Case #RO0002565

Dear Mr. Carmel

Attached is the First Quarter 2011 Status Report for Atlantic Richfield Company (ARC, a BP affiliated company) Station #276 located at 10600 MacArthur Boulevard, Oakland, California. Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (707) 455-7290.

Sincerely,
BROADBENT & ASSOCIATES, INC.



Thomas A. Sparrow, P.G. #5065 (exp. 12/31/12)
Project Manager



enclosures

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

**FIRST QUARTER 2011
STATUS REPORT
ATLANTIC RICHFIELD COMPANY STATION #276
OAKLAND, CALIFORNIA**

Broadbent & Associates, Inc. (BAI) is pleased to present this *First Quarter 2011 Status Report* on behalf of Atlantic Richfield Company (ARC, a BP affiliated company) Station #276 (ARCO 276) located at 10600 MacArthur Boulevard, Oakland, Alameda County, California. Closure activities at the site were performed in accordance with a September 16, 2010 *Monitoring Well Destruction* agency directive issued by the Alameda County Environmental Health (ACEH). Details of work performed, discussion of results, and recommendations are provided below.

Facility Name / Address:	<u>ARCO 276 / 10600 MacArthur Boulevard, Oakland, California</u>
Client Project Manager / Title:	<u>Mr. Chuck Carmel / Environmental Business Manager</u>
BAI Contact:	<u>Mr. Tom Sparrowe, (707) 455-7290</u>
BAI Project No.:	<u>06-88-601</u>
Primary Regulatory Agency / ID No.:	<u>Alameda County Environmental Health (ACEH) / ACEH Case #RO0002565</u>
Current phase of project:	<u>Closure</u>

WORK PERFORMED THIS QUARTER (First Quarter 2011):

1. BAI oversaw the pressure-grouting of monitor and remediation wells associated with the site.
2. Completed the *Fourth Quarter 200 Status Report* on January 5, 2011.

WORK SCHEDULED FOR NEXT QUARTER (Second Quarter 2011):

1. Completed the *First Quarter 2011 Status Report* (contained herein).
2. BAI will submit a *Well Destruction Report* to ACEH.

ACTIVITIES CONDUCTED:

No groundwater monitoring or sampling work activities took place at the Site during First Quarter 2011. 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. Between March 22 and 25, 2011 BAI oversaw Gregg Drilling & Testing, Inc. of Martinez, California, pressure grout the monitor and remediation wells associated with the Site and is in the process of preparing a *Well Destruction Report*.

For reference, a Site Location Map is provided as Drawing 1. Provided as Drawing 2 is the Groundwater Elevation Contour 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
Drawing 2: Third Quarter 2010 Groundwater Elevation Contour and Analytical Summary Map

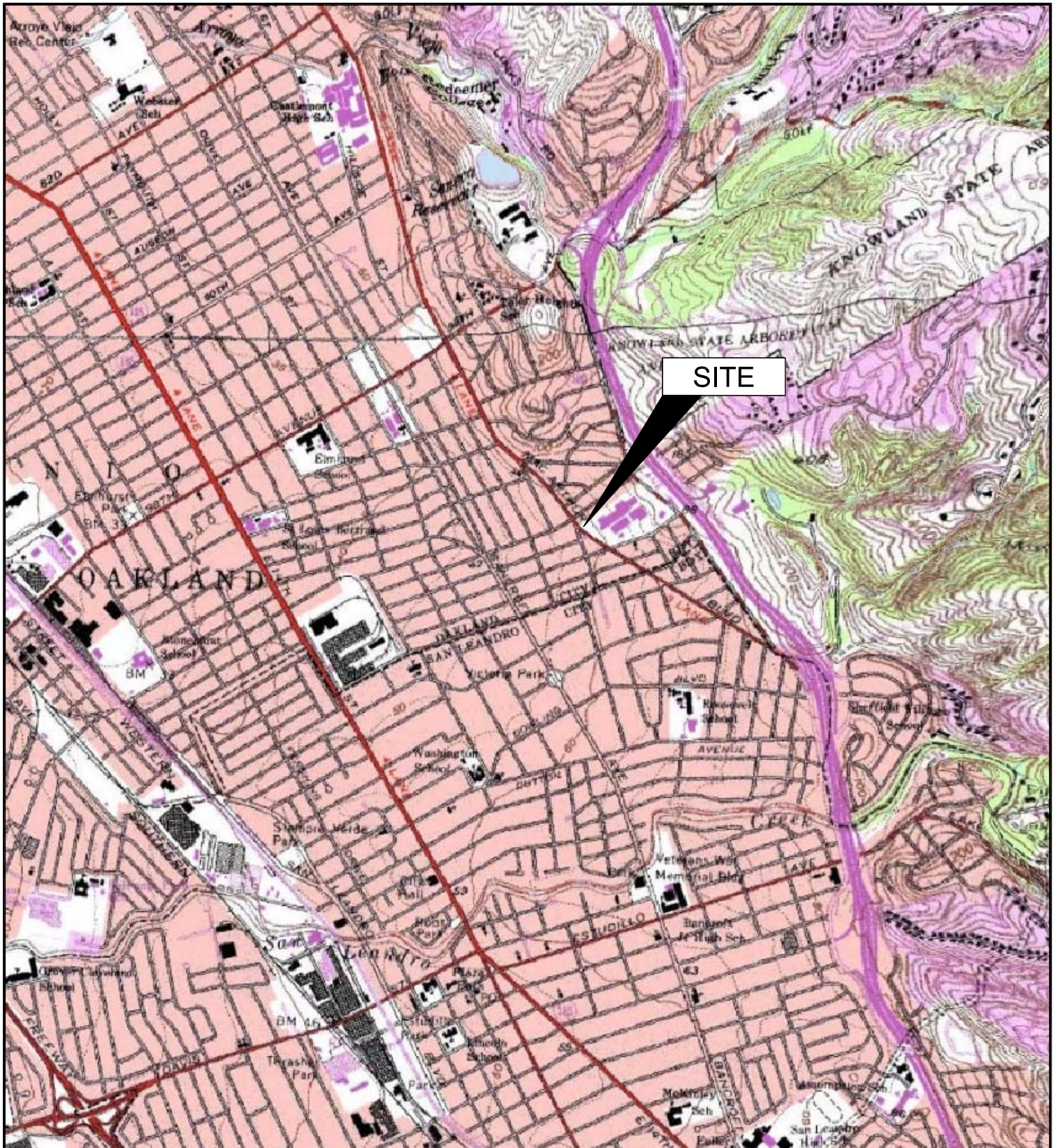


IMAGE SOURCE: USGS

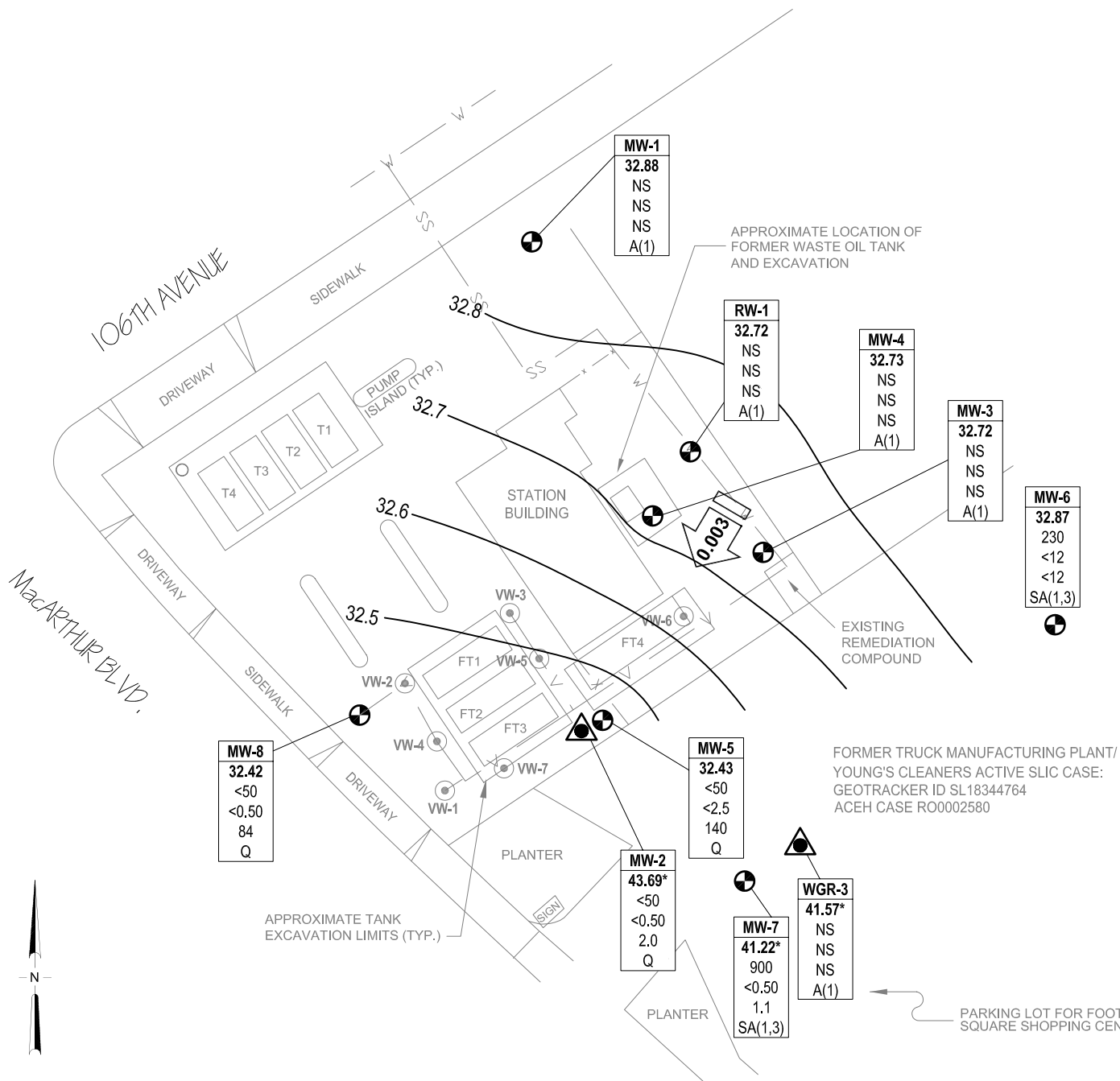
BROADBENT & ASSOCIATES, INC
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
 1324 Mangrove Ave. Suite 212, Chico, CA 95926
 Project No.: 06-88-601 Date: 9/1/09

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

APPROXIMATE LOCATION OF FORMER WASTE OIL TANK AND EXCAVATION

EXISTING REMEDIATION COMPOUND

FORMER TRUCK MANUFACTURING PLANT/
YOUNG'S CLEANERS ACTIVE SLIC CASE:
GEOTRACKER ID SL18344764
ACEH CASE RO0002580

APPROXIMATE TANK EXCAVATION LIMITS (TYP.)

PARKING LOT FOR FOOTHILL SQUARE SHOPPING CENTER



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
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