

# Atlantic Richfield Company

**Chuck Carmel**  
Environmental Business Manager

**RECEIVED**

4:59 pm, Oct 29, 2010

Alameda County  
Environmental Health

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

October 27, 2010

Re: Third Quarter 2010 Status Report  
Atlantic Richfield Company Service Station #498  
286 South Livermore Avenue, Livermore, California  
ACEH Case No. RO0002873

"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

**THIRD QUARTER 2010 STATUS REPORT**

Atlantic Richfield Company Station #498  
286 S. Livermore Ave., Livermore, California  
ACEH Case # RO0002873

Prepared for

Mr. Chuck Carmel  
Environmental Business Manager  
Atlantic Richfield Company  
P.O. Box 1257  
San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212  
Chico, California 95926  
(530) 566-1400  
*www.broadbentinc.com*

October 27, 2010

Project No. 08-82-603

Broadbent & Associates, Inc.  
1324 Mangrove Ave., Suite 212  
Chico, CA 95926  
Voice (530) 566-1400  
Fax (530) 566-1401



October 27, 2010

Project No. 08-82-603

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

Attn.: Mr. Chuck Carmel

Re: Third Quarter 2010 Status Report, Atlantic Richfield Company Station #498  
286 S. Livermore Ave, Livermore, California; ACEH Case #RO0002873

Dear Mr. Carmel:

Provided herein is the *Third Quarter 2010 Status Report* for Atlantic Richfield Company (a BP affiliated company) Station #498 located at 286 S. Livermore Ave., Livermore, Alameda County, California (Site). This report presents a summary of current developments regarding the Site through the Third Quarter 2010.

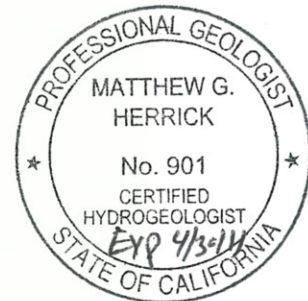
Should you have questions regarding this submission, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Jason Duda  
Project Scientist

Matthew G. Herrick, P.G., C.HG.  
Senior Hydrogeologist



Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health, 1131 Harbor Bay Parkway,  
Suite 250, Alameda, CA 84502 (Submitted via ACEH ftp Site)  
Electronic copy uploaded to GeoTracker

## STATION #498 QUARTERLY STATUS REPORT

|                                    |          |   |
|------------------------------------|----------|---|
| Facility: #498                     | Address: | 286 South Livermore Avenue, Livermore, California                             |
| Environmental Business Manager:    |          | Mr. Chuck Carmel  |
| Consulting Company/Contact Person: |          | Broadbent & Associates, Inc. (BAI)/ Jason Duda and Matt Herrick (530)566-1400 |
| Primary Agency/Regulatory ID No.:  |          | Alameda County Environmental Health (ACEH)<br>ACEH Case #RO0002873            |
| Consultant Project No.:            |          | 08-82-603   |

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

1. Prepared and submitted the *Second Quarter 2010 Semi-Annual Ground-Water Monitoring Report* (BAI, 7/30/2010).
2. No environmental field work was conducted at the Site during the Third Quarter 2010.

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

1. Prepared and submitted this *Third Quarter 2010 Status Report* (contained herein).
2. Conduct semi-annual ground-water monitoring/sampling for Fourth Quarter 2010. Work to be performed by BAI.
3. Conduct Soil and Ground-Water Investigation upon obtaining off-site property access.

### QUARTERLY RESULTS SUMMARY:

|                                       |  |
|---------------------------------------|--|
| Current phase of project:             | <u>Ground-water monitoring/Sampling/Assessment</u>             |
| Frequency of ground-water monitoring: | <u>Semi-Annually (2Q &amp; 4Q): MW-1, MW-2, MW-3, and MW-4</u> |
| Frequency of ground-water sampling:   | <u>Semi-Annually (2Q &amp; 4Q): MW-1, MW-2, MW-3, and MW-4</u> |
| Is free product (FP) present on-site: | <u>NA</u>  |
| Current remediation techniques:       | <u>NA</u>  |
| Depth to ground water (below TOC):    | <u>NA</u>  |
| General ground-water flow direction:  | <u>NA</u>  |
| Approximate hydraulic gradient:       | <u>NA</u>  |

### DISCUSSION:

No environmental field work activities took place at the Site during Third Quarter 2010. For reference, a Site Location Map is provided as Drawing 1. Provided as Drawing 2 is the Site Map with Historic Sample and Proposed Well/Boring Locations from the *Soil and Groundwater Investigation Work Plan Addendum* (BAI, 4/12/2010). The next ground-water monitoring and sampling event is scheduled to be conducted during the Fourth Quarter 2010.

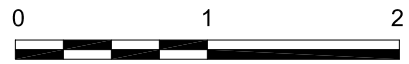
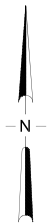
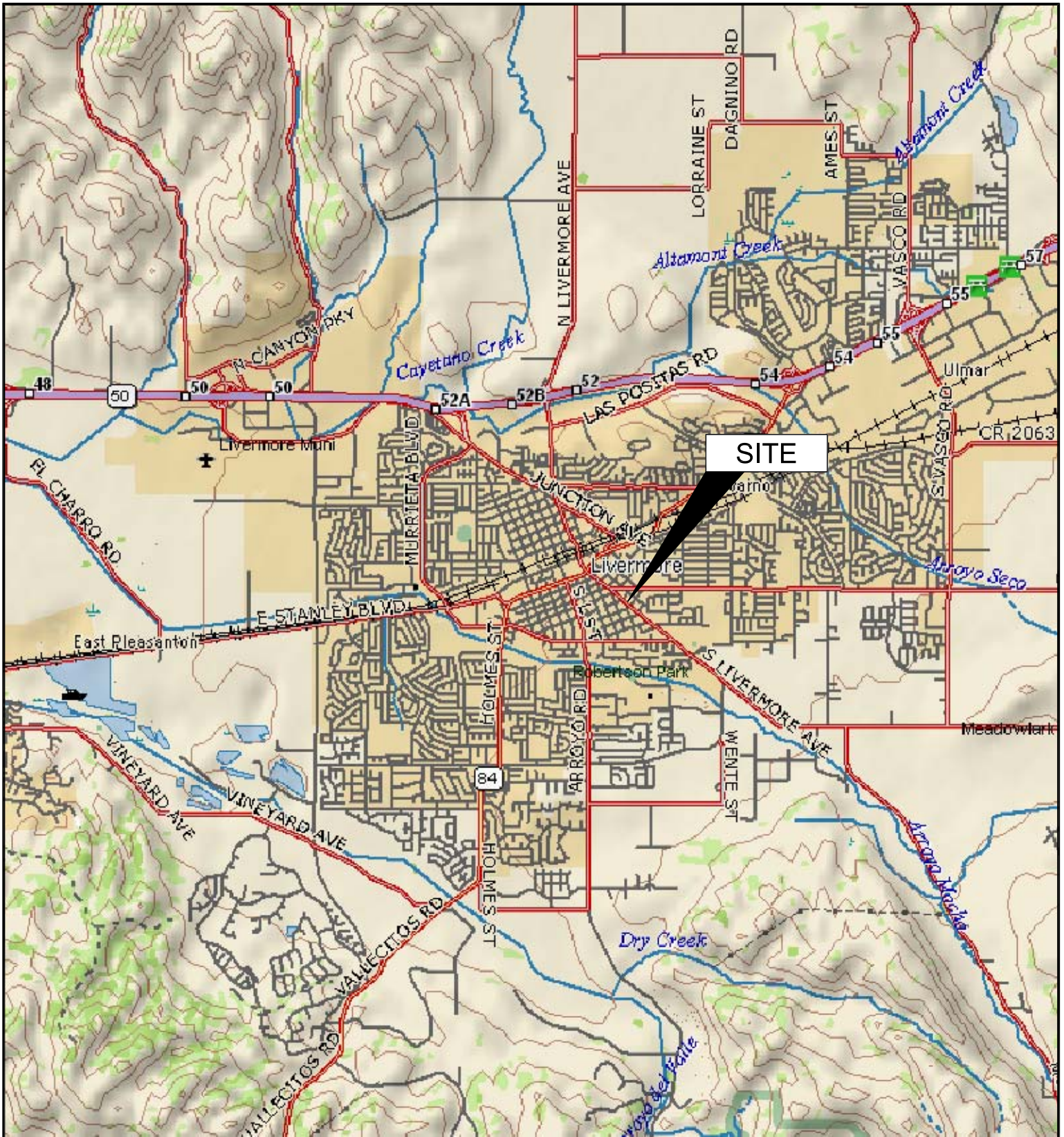
In their letter dated August 12, 2010, ACEH approved the *Soil and Ground-Water Investigation Work Plan Addendum* submitted by BAI on April 12, 2010. Off-site property access is required in order to complete the scope of work detailed in the Work Plan. Contact with the owner of the property located

immediately northwest of the Site has been made. However, a final response granting property access has not yet been received. Further communication with the property owner will be attempted during Fourth Quarter 2010. Due to this delay, the current deadline of November 10, 2010 established for the submittal of the Soil and Water Investigation Report will not be met. It is requested that this deadline be postponed until off-site property access is obtained.

**ATTACHMENTS:**

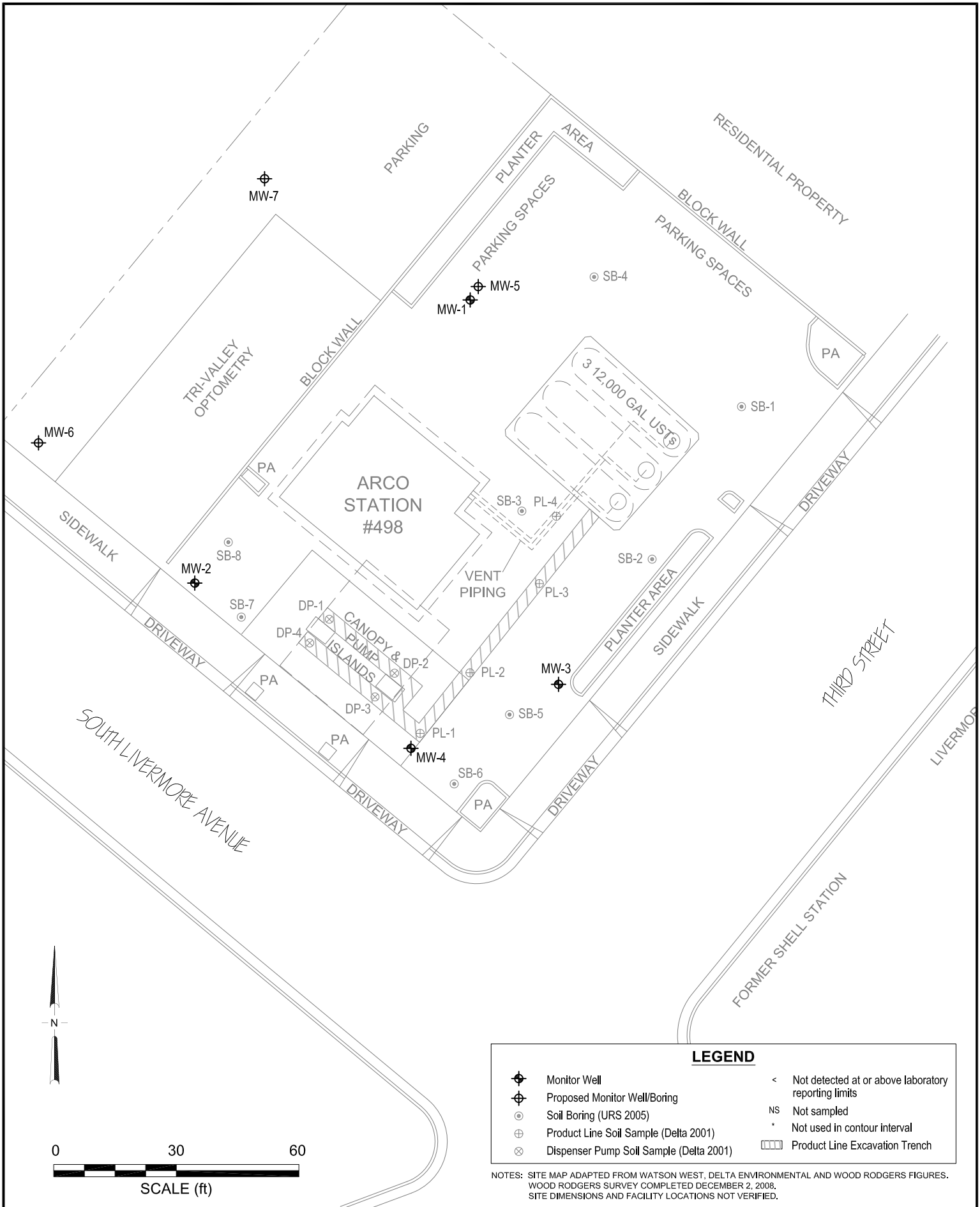
Drawing 1      Site Location Map, Station #498, 286 South Livermore Avenue, Livermore, California

Drawing 2.      Site Map with Historic Sample and Proposed Well/Boring Locations, Station #498, 286 South Livermore Avenue, Livermore, California



APPROXIMATE SCALE (mi)

IMAGE SOURCE: DELORME



**LEGEND**

- ⊕ Monitor Well
- ⊕ Proposed Monitor Well/Boring
- ⊙ Soil Boring (URS 2005)
- ⊕ Product Line Soil Sample (Delta 2001)
- ⊗ Dispenser Pump Soil Sample (Delta 2001)
- < Not detected at or above laboratory reporting limits
- NS Not sampled
- \* Not used in contour interval
- ▭ Product Line Excavation Trench

NOTES: SITE MAP ADAPTED FROM WATSON WEST, DELTA ENVIRONMENTAL AND WOOD RODGERS FIGURES. WOOD RODGERS SURVEY COMPLETED DECEMBER 2, 2008. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

