

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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4:41 pm, Jan 29, 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

22 January 2010

Re: Fourth Quarter 2009 Status Report
Atlantic Richfield Company Station #771
899 Rincon Avenue
Livermore, California
ACEH Case RO0000200

"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

22 January 2010

Project No. 06-82-608

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

Attn.: Mr. Chuck Carmel

Re: Fourth Quarter 2009 Status Report, Atlantic Richfield Company Station #771
899 Rincon Avenue, Livermore, California; ACEH Case #RO0000200

Dear Mr. Carmel:

Attached is the *Fourth Quarter 2009 Status Report* for Atlantic Richfield Company (a BP affiliated company) Station #771 (herein referred to as Station #771) located at 899 Rincon Avenue, Livermore, California (Site). This report presents a summary of current developments at the Site through the Fourth Quarter of 2009.

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

Sincerely,

BROADBENT & ASSOCIATES, INC.



Thomas A. Venus, P.E.
Senior Engineer



Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health (Submitted via ACEH ftp site)
Mr. Paul M. Smith, Livermore-Pleasanton Fire Department, 3560 Nevada St., Pleasanton, California 94566
Mr. Chuck Headlee, California Regional Water Quality Control Board – San Francisco Region (Submitted via GeoTracker)
Electronic copy uploaded to GeoTracker

STATION #771 QUARTERLY STATUS REPORT

Facility: #771	Address:	899 Rincon Avenue, Livermore, CA
Environmental Business Manager:		Mr. Chuck Carmel
Consulting Co./Contact Person:		Broadbent & Associates, Inc. (BAI) / Mr. Tom Venus, PE (530) 566-1400
Primary Agency/Regulatory ID No.:		Alameda County Environmental Health (ACEH)/ ACEH Case RO0000200
Consultant Project No.:		06-82-608
Facility Permits/Permitting Agency:		NA

WORK PERFORMED THIS QUARTER (Fourth Quarter 2009):

1. Submitted Third Quarter 2009 Semi-Annual Ground-Water Monitoring Report (BAI, 10/5/2009).
2. No environmental sampling was conducted at the Site during Fourth Quarter of 2009.

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

1. Submit Fourth Quarter 2009 Status Report (contained herein).
2. Conduct First Quarter 2010 ground-water monitoring and sampling event.
3. Provide ACEH with documentation and/or summary timeline of correspondence with property owner who is not favorably responsive to requests for off-site access.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	Monitoring/Remediation
Frequency of ground-water monitoring:	Semi-Annual (1Q & 3Q): MW-1 through MW-11, RW-1, VW-1
Frequency of ground-water sampling:	Semi-Annual (1Q & 3Q): MW-4, MW-7, RW-1 Annual (3Q): MW-2, MW-5, MW-6, MW-11, VW-1
Is free product (FP) present on-site:	No
FP recovered this quarter:	NA (FP last recovered in 1992)
Cumulative FP recovered:	3.06 gallons (Wells MW-1, MW-2, and MW-5)
Current remediation techniques:	Air Diffusion
Depth to ground water (below TOC):	NM
General ground-water flow direction:	NM
Approximate hydraulic gradient:	NM

DISCUSSION:

Consistent with the current schedule, no sampling was conducted during the Fourth Quarter of 2009. Semi-annual monitoring/sampling occurred during the Third Quarter of 2009. For reference, a site location map is provided as Drawing 1 and a ground-water elevation and analytical summary map dated 22 July 2009 is provided as Drawing 2.

The April 29, 2009 *Addendum Soil and Ground-Water Investigation Work Plan* was approved by the ACEH in their May 15, 2009 letter. Approved work activities include installation of two monitoring wells and one angled soil boring. Approved work activities were to be completed off-site on the

neighboring Livermore Shopping Center. Access agreement negotiations with the Livermore Shopping Center property owner were initiated in May 2009. However, as of the date of this report an executed access agreement has not been received from the Livermore Shopping Center. As requested in the Third Quarter 2009 Semi-Annual Ground-Water Monitoring Report and repeated here, it is requested that the ACEH provide assistance with access agreement negotiations.

ATTACHMENTS:

- Drawing 1. Site Location Map, Station #771, 899 Rincon Avenue, Livermore, California
- Drawing 2. Ground-Water Elevation Contour and Analytical Summary Map, 22 July 2009, Station #771, 899 Rincon Avenue, Livermore, California

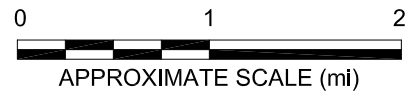
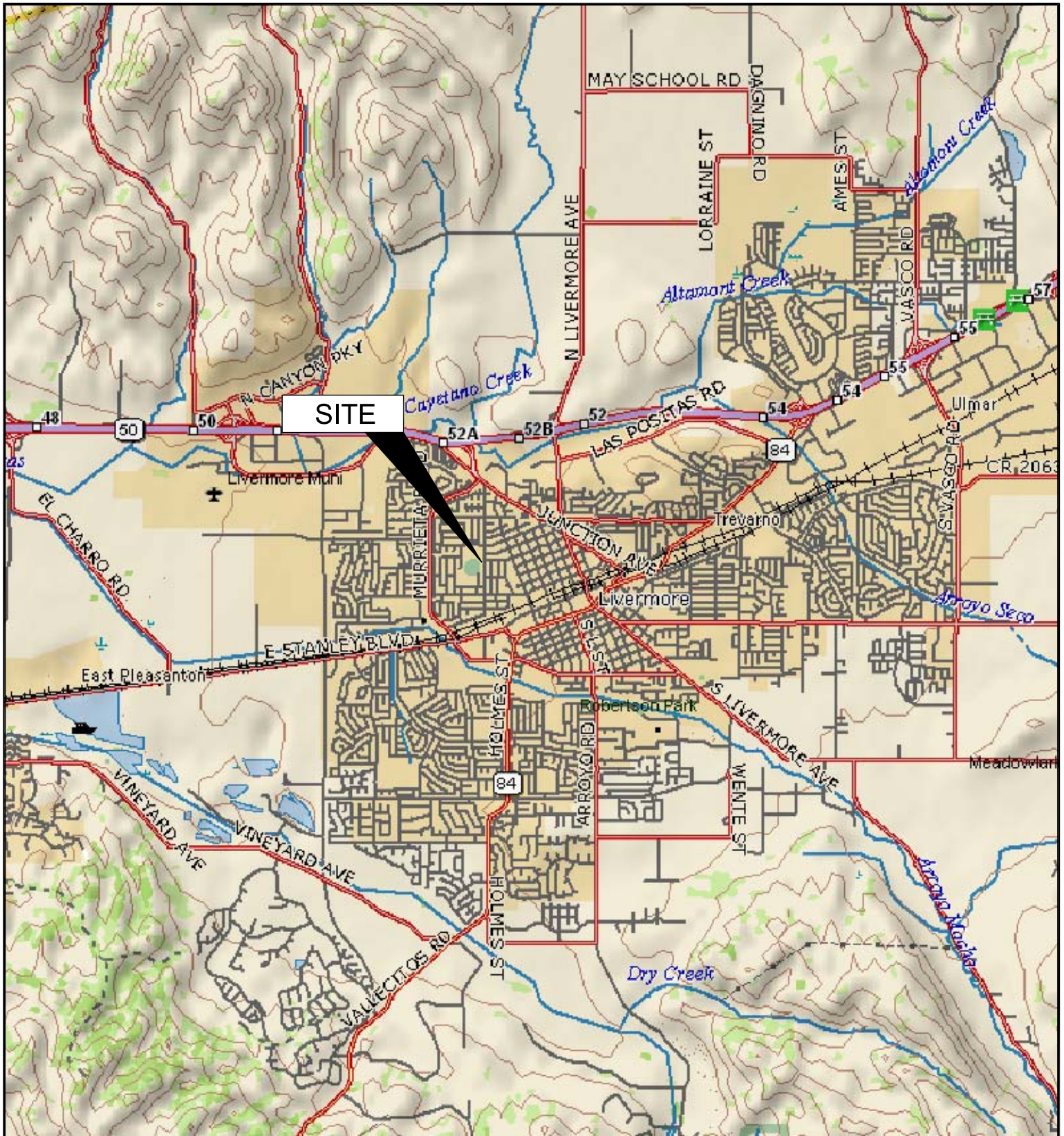
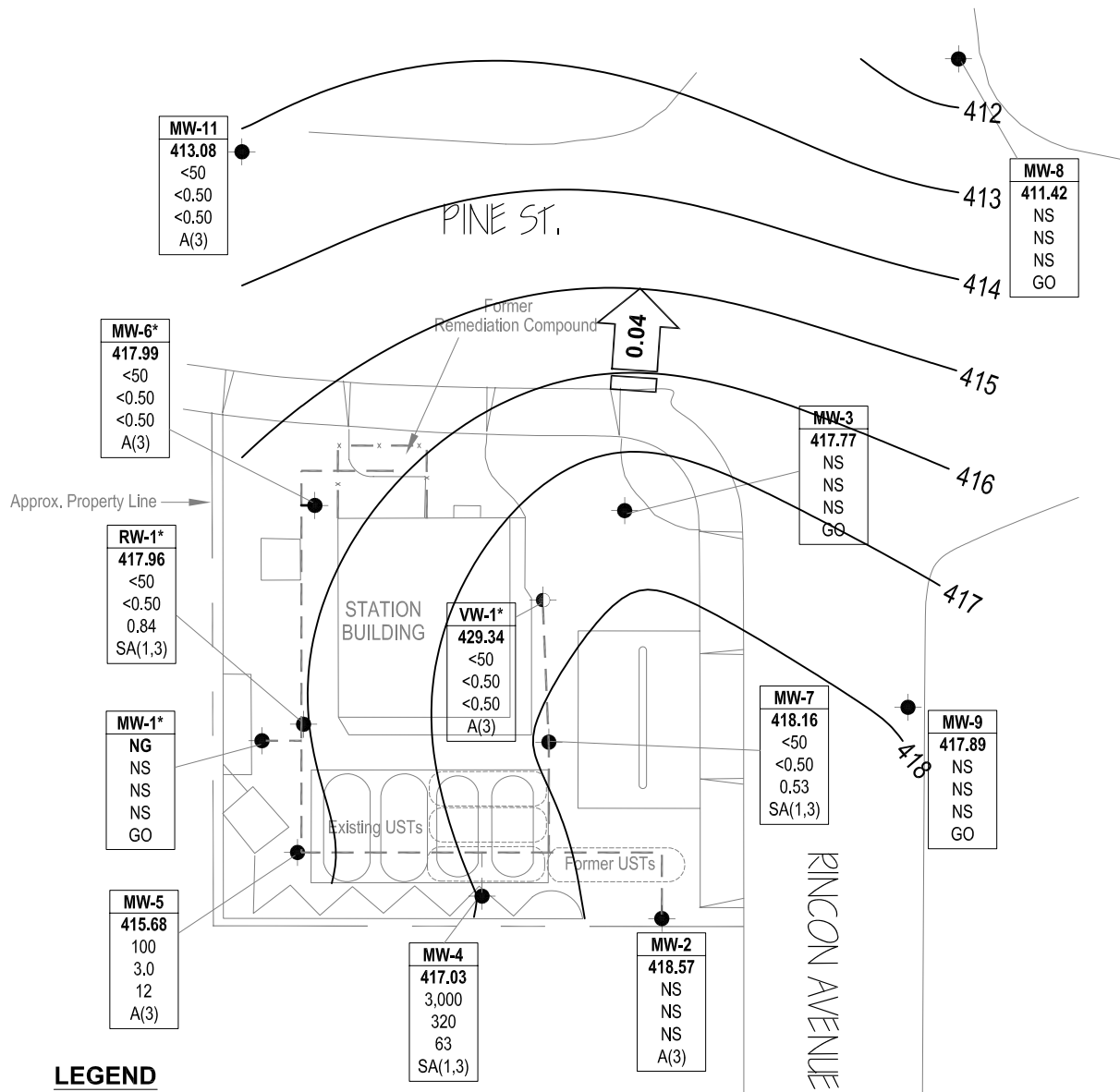


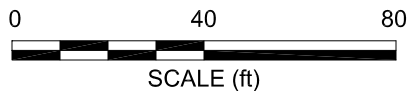
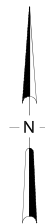
IMAGE SOURCE: DELORME



LEGEND

- Monitoring well location
- Vapor extraction well location
- Well ID** — Well designation
- ELEV** — Ground-water elevation (ft above MSL)
- GRO** — GRO, Benzene & MTBE concentrations (µg/L)
- Benzene** —
- MTBE** —
- SA or A** — Sampling frequency
- < — Not detected at or above laboratory reporting limits
- * — Not used in contouring
- NG — Not gauged
- NS — Not sampled
- A(3) — Sampled annually during 3rd quarter
- GO — Not sampled, gauged only
- SA(1,3) — Sampled semi-annually, 1st & 3rd quarters
- 420 — Ground-water elevation contour (ft above MSL)
- ← 0.04 — Approximate ground-water flow direction and gradient (ft/ft)
- - - Remediation piping

MW-10*
NG
NS
NS
NS
GO



NOTE: SITE MAP ADAPTED FROM URS FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.