

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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RECEIVED

4:24 pm, Feb 02, 2011

Alameda County
Environmental Health

January 26, 2011

Re: Fourth Quarter 2010 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

Fourth Quarter 2010 Status Report
Atlantic Richfield Company Station #771
899 Rincon Avenue
Livermore, California

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
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January 26, 2011

Project No. 06-82-608

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



January 26, 2011

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 2010 Status Report, Atlantic Richfield Company Station #771
899 Rincon Avenue, Livermore, California; ACEH Case #RO0000200

Dear Mr. Carmel:

Attached is the *Fourth Quarter 2010 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 2010.

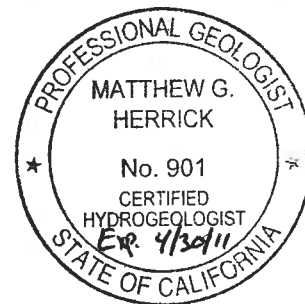
Should you have questions regarding this submittal, please do not hesitate to contact us at (530) 566-1400.

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 (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 Persons:		Broadbent & Associates, Inc. (BAI) / Jason Duda and Matt Herrick
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 2010):

1. Submitted *Third Quarter 2010 Semi-Annual Ground-Water Monitoring Report* (BAI, 10/27/2010).
2. No environmental work was conducted at the Site during the Fourth Quarter of 2010.

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

1. Submit Fourth Quarter 2010 Status Report (contained herein).
2. Conduct First Quarter 2011 ground-water monitoring and sampling.
3. Conduct offsite property access negotiations and offsite boring investigation (see below for further discussion).

QUARTERLY RESULTS SUMMARY:

Current phase of project:	Monitoring
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:	NA
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 (Not Operational since 03/30/10)
Depth to ground water (below TOC):	NA
General ground-water flow direction:	NA
Approximate hydraulic gradient:	NA

DISCUSSION:

Consistent with the current schedule, no sampling was conducted at the Site during the Fourth Quarter of 2010. Semi-annual ground-water monitoring/sampling occurred during the Third Quarter of 2010. For reference, a site location map is provided as Drawing 1 and the Ground-Water Elevation and Analytical Summary Map for data collected on September 09, 2010 is provided as Drawing 2. The next semi-annual ground-water monitoring and sampling event is scheduled to be conducted during the First Quarter of 2011.

The *Second Addendum Soil and Ground-Water Investigation Work Plan* dated August 13, 2010 was approved by ACEH in their letter dated September 10, 2010. This Work Plan proposed installation of three offsite soil borings to collect one-time soil and ground-water samples. One of the three borings (ASB-1) was proposed to be installed at an angle for collection of soil samples beneath the existing UST basin. Upon further review of the proposed angled soil boring, Atlantic Richfield Company determined that the potential risk associated with installation of an angled boring and the proximity of the boring to the existing USTs was significant. It was decided that the offsite investigation would proceed; however, angled boring ASB-1 would not be installed during the investigation. This change in proposed work activities was communicated to ACEH in the BAI email dated December 12, 2010.

With the revised scope of work, the offsite investigation was scheduled to be completed during the week of December 27, 2010. Unfortunately, an incident occurred at another site earlier in the month that resulted in Atlantic Richfield Company ordering a safety stand-down of all field work to allow for the completion of a full investigation of the incident and appropriate correction of work procedures. As of the date of this report, the safety stand down has yet to be lifted.

The access agreement in place between Atlantic Richfield Company and the offsite property owner expired on December 31, 2010. Communication with the offsite property owner and a request for an extension of the access agreement is scheduled to be completed. Once the safety stand down is lifted and extension of the access agreement is in place, drilling on the offsite property will be rescheduled. The previous deadline of February 18, 2011 for submittal of the Soil and Ground-Water Investigation Report as stated in the ACEH email dated November 11, 2011 will not be met as a result of the recent developments discussed above. Once the safety stand down is lifted and an extension of the access agreement is in place, we will communicate with ACEH to set an appropriate deadline for submittal of the report.

ATTACHMENTS:

- Drawing 1. Site Location Map, Station #771, 899 Rincon Avenue, Livermore, California
- Drawing 2. Ground-Water Elevation Contour and Analytical Summary Map, September 09, 2010, Station #771, 899 Rincon Avenue, Livermore, California

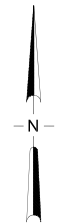
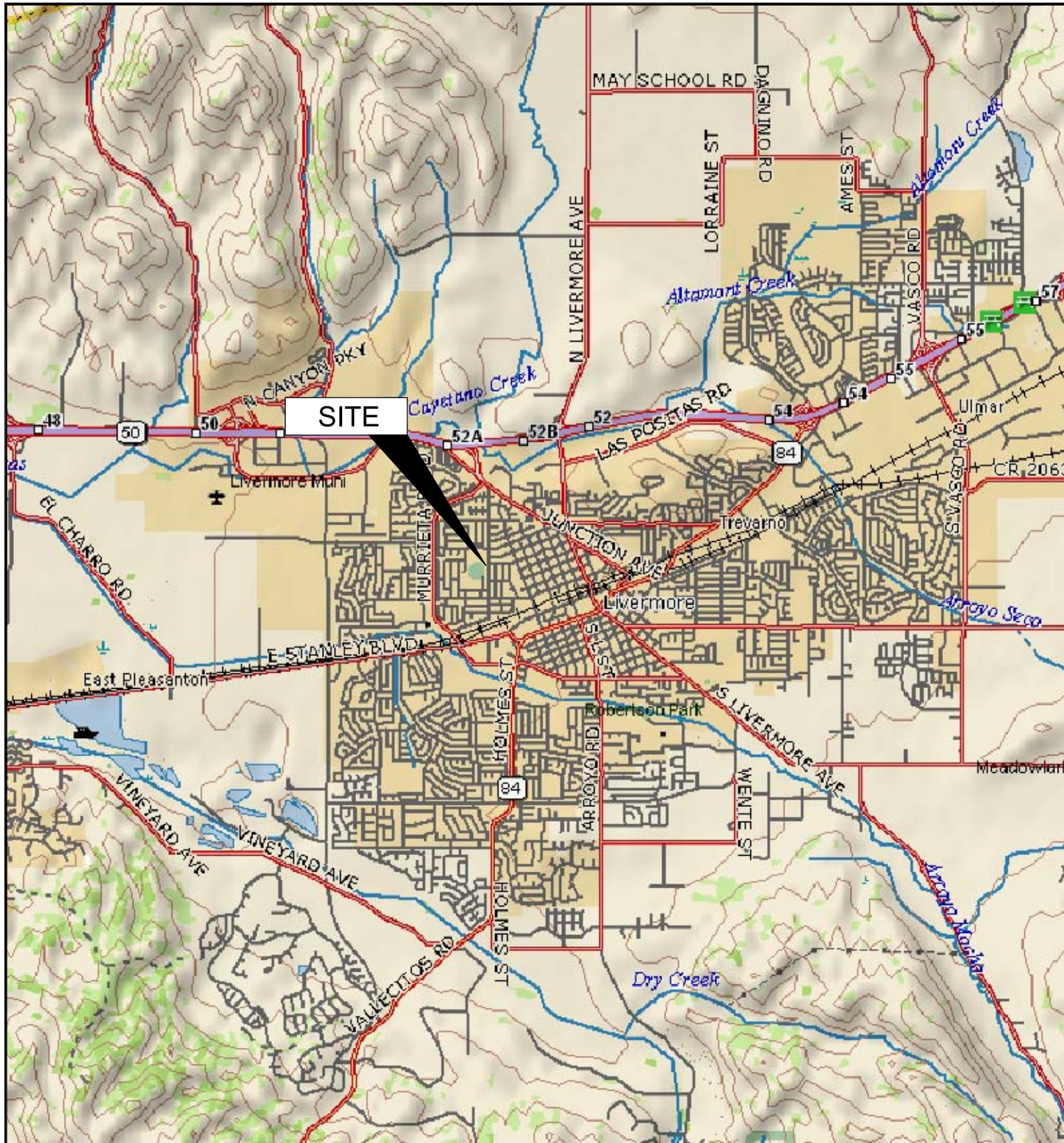


IMAGE SOURCE: DELORME

BROADBENT & ASSOCIATES, INC.
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
 1324 Mangrove Ave, Suite 212, Chico, California 95926
 Project No.: 06-82-608 Date: 7/27/2009

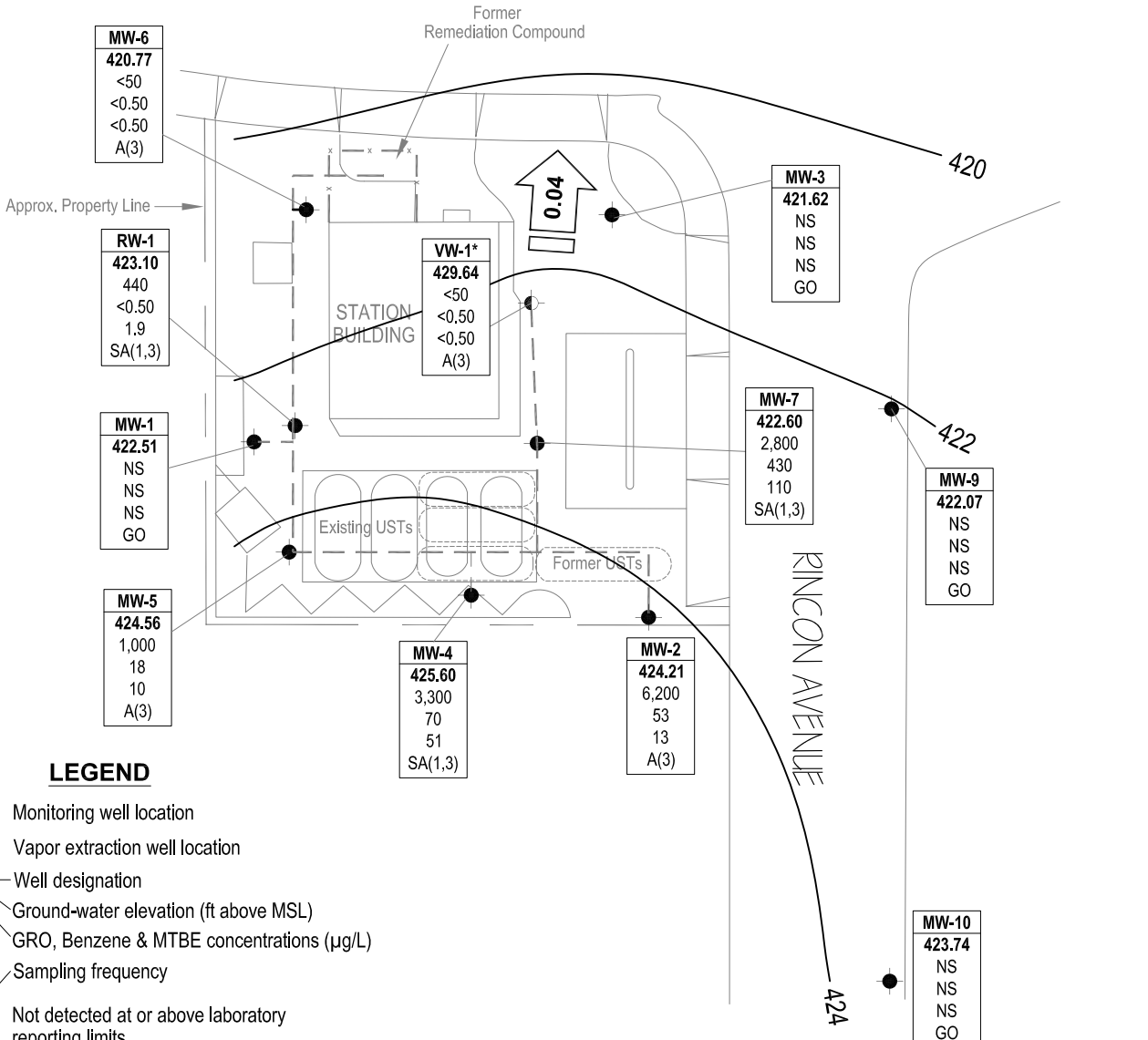
Station #771
 899 Rincon Avenue
 Livermore, California

Site Location Map

Drawing
1

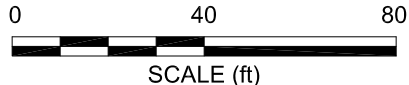
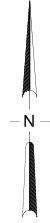
MW-11
417.38
<50
<0.50
<0.50
A(3)

MW-8
416.52
NS
NS
NS
GO



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
- 424 — Ground-water elevation contour (ft above MSL)
- ↔ 0.04 — Approximate ground-water flow direction and gradient (ft/ft)
- - - Remediation piping



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