

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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RECEIVED

11:08 am, Jul 21, 2010

Alameda County
Environmental Health

July 20, 2010

Re: Second 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

Second 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
www.broadbentinc.com

July 20, 2010

Project No. 06-82-608

July 20, 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: Second Quarter 2010 Status Report, Atlantic Richfield Company Station #771
899 Rincon Avenue, Livermore, California; ACEH Case #RO0000200

Dear Mr. Carmel:

Attached is the *Second 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 Second Quarter of 2010.

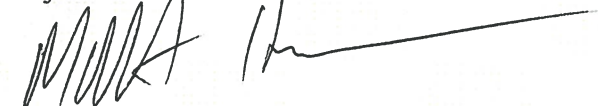
Should you have questions regarding this submittal, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

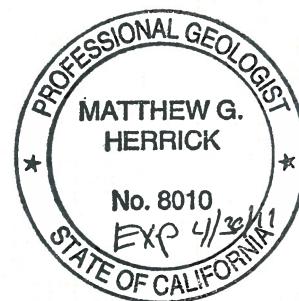
BROADBENT & ASSOCIATES, INC.



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 (Second Quarter 2010):

1. Submitted *First Quarter 2010 Semi-Annual Ground-Water Monitoring Report* (BAI, 04/30/2010).
2. No environmental work was conducted at the Site during the Second Quarter of 2010.

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

1. Submit Second Quarter 2010 Status Report (contained herein).
2. Conduct Third Quarter 2010 ground-water monitoring and sampling event.
3. Continue offsite property access negotiations and submit a second addendum to the *Soil and Ground-Water Investigation Work Plan* (see below for further discussion).

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:	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 Second Quarter of 2010. Semi-annual ground-water monitoring/sampling occurred during the First 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 March 12, 2010 is provided as Drawing 2. The next semi-annual ground-water monitoring and sampling event is scheduled to be conducted during the Third Quarter of 2010.

The April 29, 2009 *Addendum Soil and Ground-Water Investigation Work Plan* submitted by BAI was approved by ACEH in their May 15, 2009 letter. Upon further discussions with the lawyers representing the Livermore Shopping Center and ACEH, installation of the two proposed offsite monitoring wells may not be the most appropriate option for all parties involved. A second addendum to the *Soil and Ground-Water Investigation Work Plan* is scheduled to be submitted during the Third Quarter of 2010 which will propose installation of offsite soil boring(s) to collect one-time soil and ground-water samples.

ATTACHMENTS:

- Drawing 1. Site Location Map, Station #771, 899 Rincon Avenue, Livermore, California
- Drawing 2. Ground-Water Elevation Contour and Analytical Summary Map, March 12, 2010, Station #771, 899 Rincon Avenue, Livermore, California

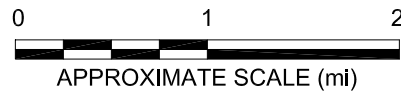
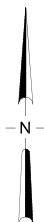
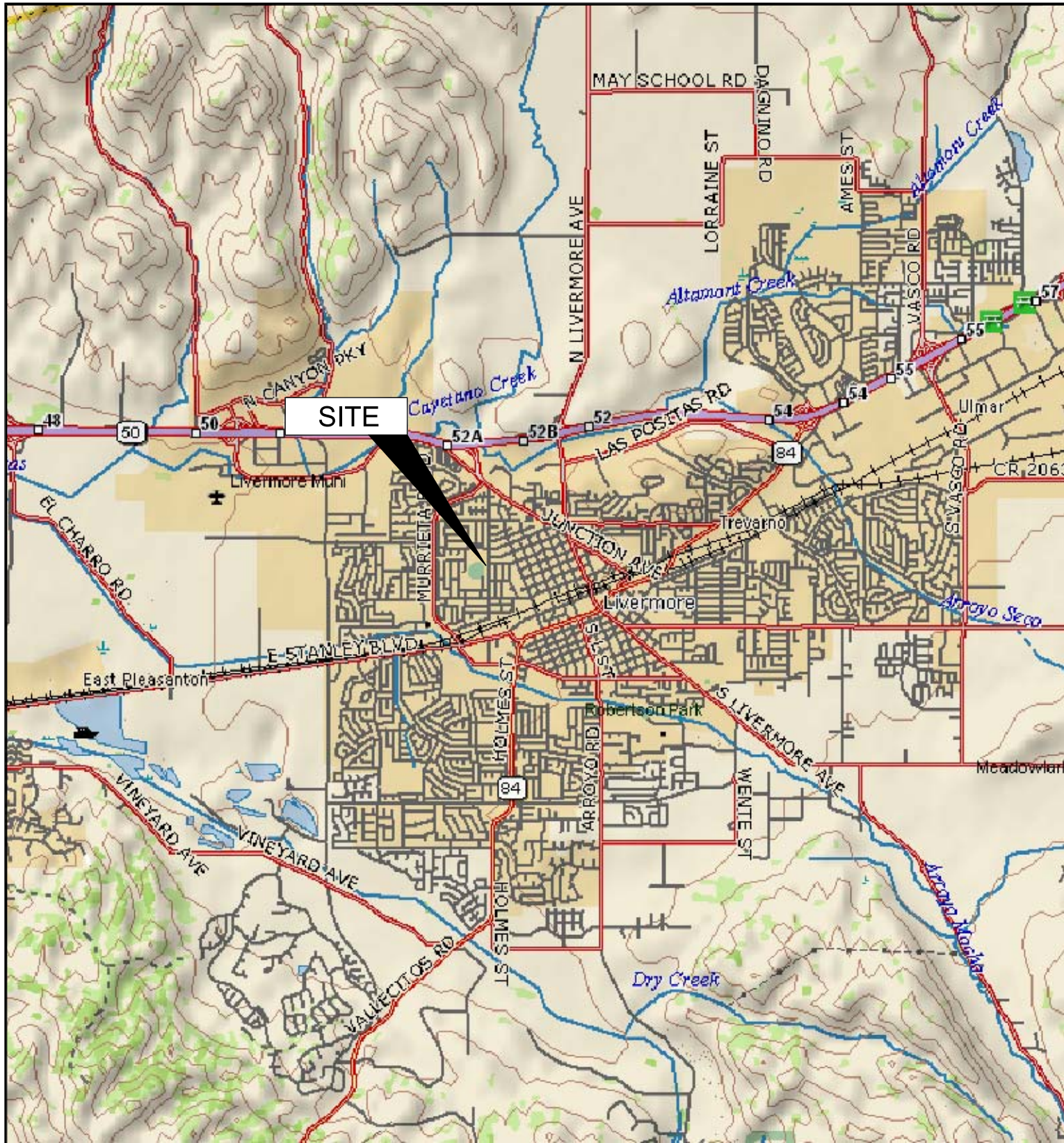


IMAGE SOURCE: DELORME

MW-11
421.94
NS
NS
NS
A(3)

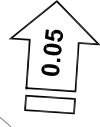
MW-8
420.32
NS
NS
NS
GO

PINE ST.

422

MW-6
425.94
NS
NS
NS
A(3)

Former Remediation Compound



424

Approx. Property Line

RW-1
429.10*
240
15
2.7
SA(1,3)

STATION BUILDING

VW-1
431.44*
NS
NS
NS
A(3)

MW-3
426.86
NS
NS
NS
GO

426

MW-1
426.62
NS
NS
NS
GO

Existing USTs

Former USTs

MW-7
427.24
2,600
36
11
SA(1,3)

MW-9
428.19
NS
NS
NS
GO

428

MW-5
426.23
NS
NS
NS
A(3)

MW-4
426.37
1,700
150
43
SA(1,3)

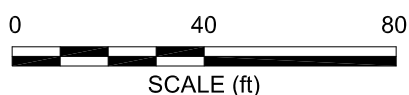
MW-2
428.21
NS
NS
NS
A(3)

RINCON AVENUE

MW-10
427.52*
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
- 428 — Ground-water elevation contour (ft above MSL)
- ← 0.05 — 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.