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By Alameda County Environmental Health at 3:40 pm, Jul 29, 2013

Atlantic Richfield Company

Shannon Couch
Project Manager

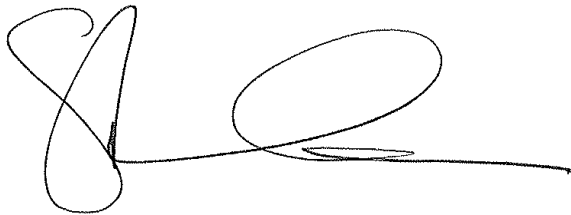
PO Box 1257
San Ramon, CA 94583
Phone: (925) 275-3804
Fax: (925) 275-3815
E-Mail: shannon.couch@bp.com

July 26, 2013

Re: Second Quarter 2013 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,

A handwritten signature in black ink, consisting of a large, stylized initial 'S' followed by a long horizontal line that ends in a small loop.

Shannon Couch
Project Manager

Attachment



**SECOND QUARTER 2013 STATUS REPORT
Atlantic Richfield Company Station #771
899 Rincon Avenue
Livermore, Alameda County, California**

Prepared for:

Ms. Shannon Couch
Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583

Prepared by:

Broadbent & Associates, Inc.
1370 Ridgewood Drive, Suite 5
Chico, California 95973
(530) 566-1400

July 26, 2013

No. 06-82-608



BROADBENT

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broadbentinc.com

Creating Solutions. Building Trust.

July 26, 2013

Project No. 06-82-608

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

Attn.: Ms. Shannon Couch

Re: Second Quarter 2013 Status Report, Atlantic Richfield Company Station #771, 899
Rincon Avenue, Livermore, California; ACEH Case No. RO0000200

Dear Ms. Couch:

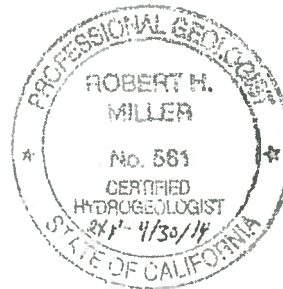
Provided herein is the *Second Quarter 2013 Status Report* for Atlantic Richfield Company (a BP affiliated company) Station #771 located at 899 Rincon Ave., Livermore, Alameda County, California (Site). This report presents a summary of current developments regarding the Site through the Second Quarter 2013.

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

Robert H. Miller, P.G., C.HG
Principal Hydrogeologist



Enclosure

cc: Mr. Jerry Wickham, 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

**SECOND QUARTER 2013
STATUS REPORT
STATION #771, LIVERMORE, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Second Quarter 2013 Status Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for Station #771 located in Livermore, Alameda County, California. Reporting is being submitted to Alameda County Environmental Health (ACEH) consistent with the requirements under the legal authority of the California Regional Water Quality Control Board, as codified by the California Code of Regulations Title 23, Section 2652(d). A summary description of current developments regarding the site is provided below.

Facility Name / Address:	Station #771 / 899 Rincon Avenue, Livermore, CA
Client Project Manager / Title:	Ms. Shannon Couch / Project Manager
Broadbent Contact:	Jason Duda, (530) 566-1400
Broadbent Project No.:	06-82-608
Primary Regulatory Agency / ID No.:	ACEH / Case #RO0000200
Current phase of project:	Monitoring and Additional Site Assessment
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Second Quarter 2013):

1. Submitted *First Quarter 2013 Monitoring Report* (Broadbent, 4/30/2013).
2. Prepared and submitted *Conceptual Site Model and Work Plan for Soil and Groundwater Investigation* (Broadbent, 5/29/2013).
3. No environment field work was conducted at the Site during Second Quarter 2013.

WORK SCHEDULED FOR NEXT QUARTER (Third Quarter 2013):

1. Prepare and submit *Second Quarter 2013 Status Report* (contained herein).
2. Conduct Third Quarter 2013 semi-annual groundwater monitoring and sampling.
3. Conduct Site assessment activities including additional monitoring and sampling of off-Site wells.

GROUNDWATER MONITORING PLAN SUMMARY:

Groundwater level gauging:	MW-1 through MW-11, RW-1, VW-1	(1Q and 3Q)
	1	
Groundwater sample collection:	MW-4, MW-7, RW-1	(1Q and 3Q)
	MW-2, MW-5, MW-6, MW-11, VW-1	(3Q)
Biodegradation indicator parameter monitoring:	NA	

DISCUSSION:

No environmental field activities took place at the Site during Second Quarter 2013. 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 *First Quarter 2013 Monitoring Report* (Broadbent, 4/30/2013). The next groundwater monitoring and sampling event is scheduled to be conducted during the Third Quarter 2013.

The *Conceptual Site Model and Work Plan for Soil and Groundwater Investigation* dated May 29, 2013 was approved by the ACEH in a letter dated June 24, 2013. Preparation and conduct of additional assessment activities detailed within the Work Plan are anticipated to be conducted during the Third Quarter 2013.

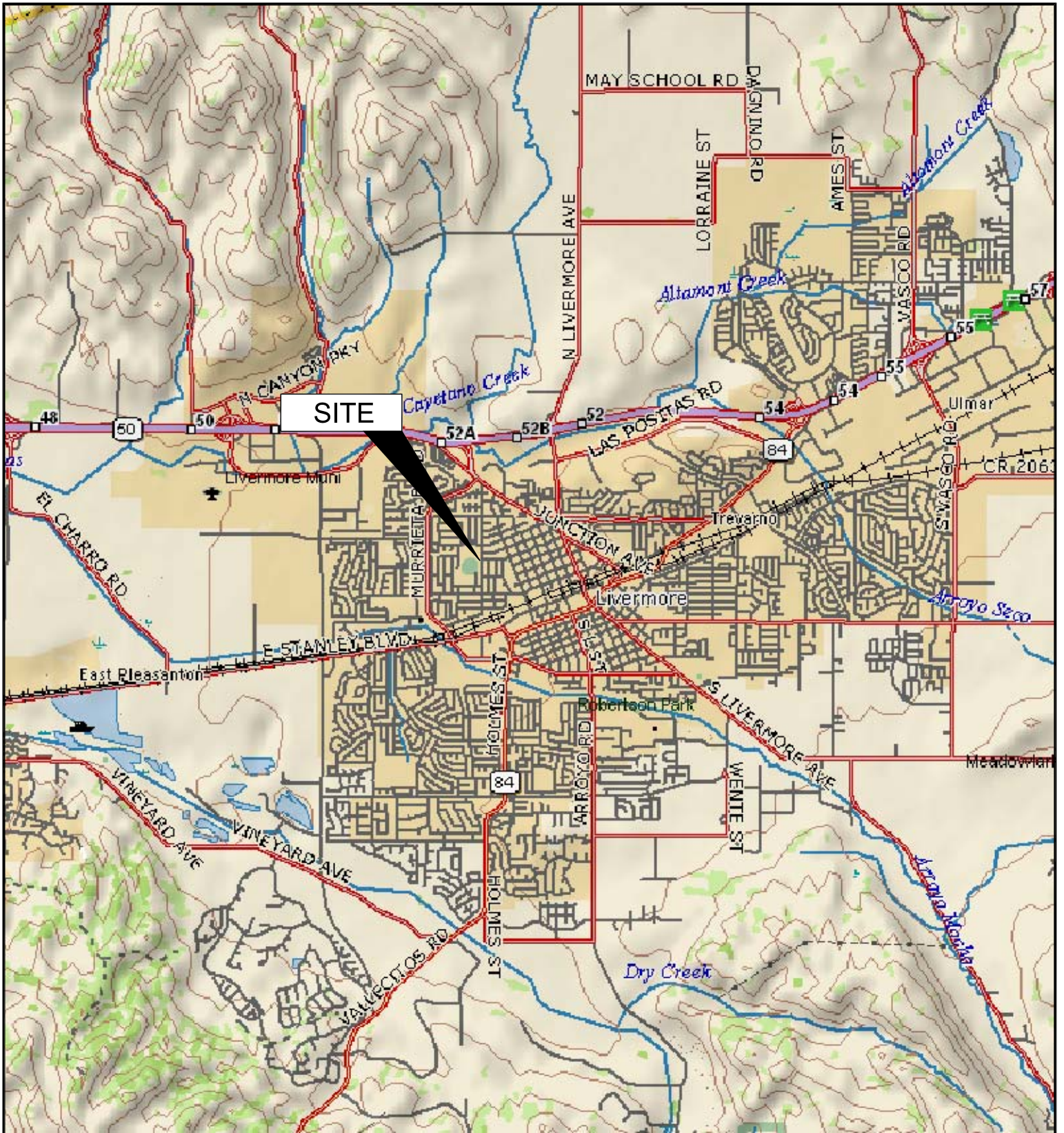
ATTACHMENTS:

- Drawing 1: Site Location Map
Drawing 2: Groundwater Elevation Contour and Analytical Summary Map, January 17, 2013

LIST OF COMMONLY USED ACCRONYMS/ABBREVIATIONS:

ACEH:	Alameda County Environmental Health	gal:	Gallons
BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes	GRO:	Gasoline-Range Organics
1,2-DCA:	1,2-Dichloroethane	LNAPL:	Light Non-Aqueous Phase Liquid
DIPE:	Di-Isopropyl Ether	MTBE:	Methyl Tertiary Butyl Ether
DO:	Dissolved Oxygen	NO ₃ :	Nitrate as Nitrogen
DRO:	Diesel-Range Organics	ppb:	parts per billion
EDB:	1,2-Dibromomethane	SO ₄ :	Sulfate
Eh:	Oxidation Reduction Potential	TAME:	Tert-Amyl Methyl Ether
EPA:	Environmental Protection Agency	TBA:	Tertiary Butyl Ether
ETBE:	Ethyl Tertiary Butyl Ether	TOC:	Top of Casing
Fe ²⁺ :	Ferrous Iron	µg/L:	micrograms per liter
ft/ft:	feet per foot		

DRAWINGS



APPROXIMATE SCALE (mi)

IMAGE SOURCE: DELORME



2000 Kirman Ave.
Reno, Nevada 89509

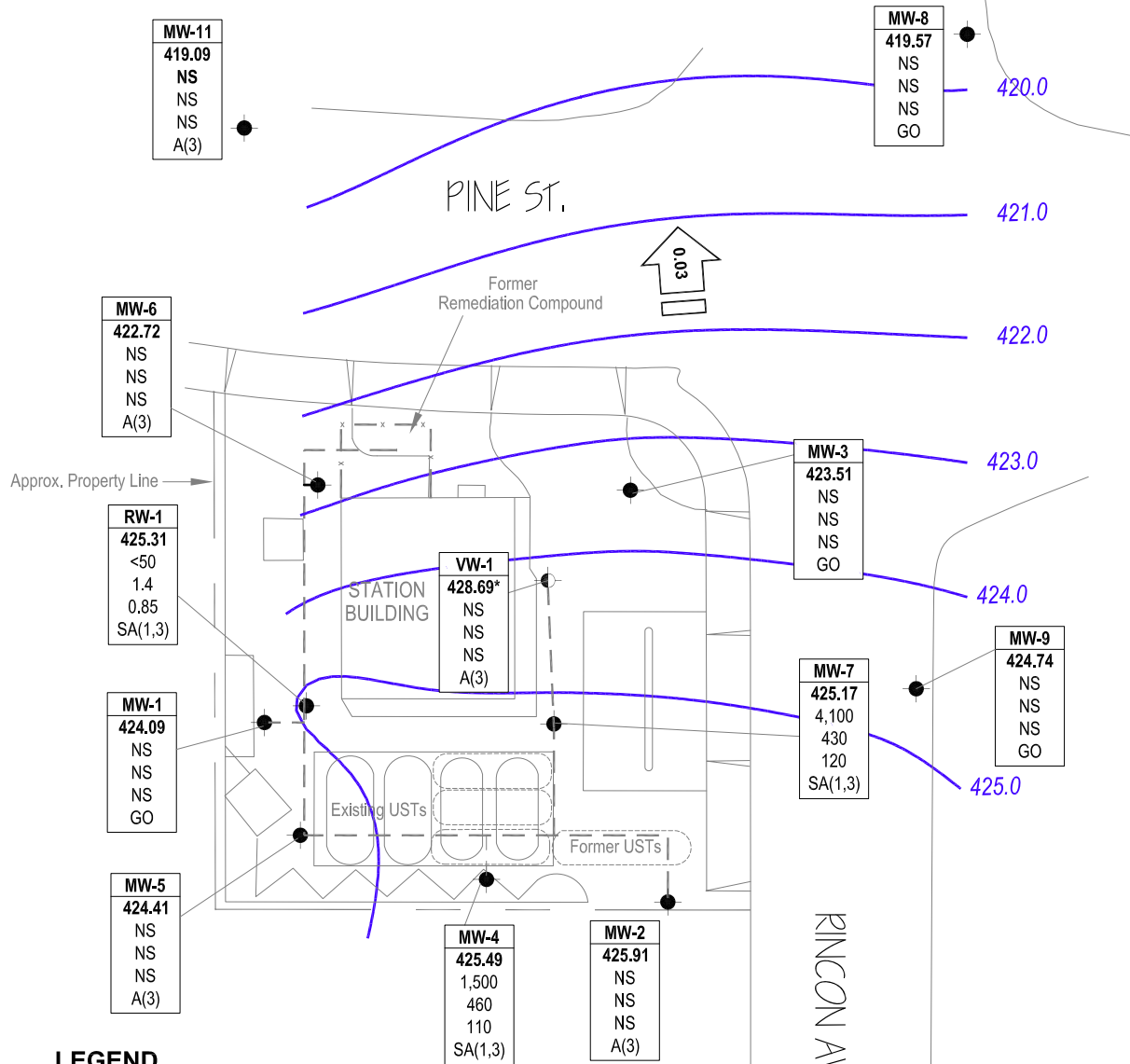
Project No.: 06-82-608 Date: 9/6/2012

Station #771
899 Rincon Avenue
Livermore, California

Site Location Map

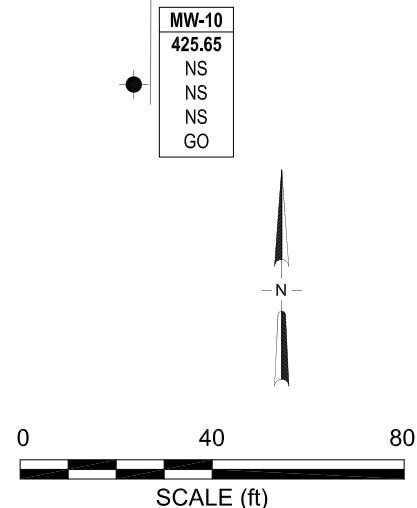
Drawing

1



LEGEND

- Monitoring well location
- ◉ Vapor extraction well location
- Well ID** — Well designation
- ELEV** — Groundwater elevation (ft above MSL)
- GRO** — GRO, Benzene & MTBE concentrations (µg/L)
- Benzene**
- MTBE** — Sampling frequency
- SA or A**
- < — 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
- 425.5 — Groundwater elevation contour (ft above MSL)
- ← 0.02 — Approximate groundwater flow direction and gradient (ft/ft)
- — Remediation piping



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