

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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4:59 pm, Oct 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

October 27, 2010

Re: Third Quarter 2010 Status Report
Atlantic Richfield Company Station #4977
2770 Castro Valley Boulevard, Castro Valley, California
ACEH Case #RO0002436

"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 #4977
2770 Castro Valley Boulevard, Castro Valley, California
ACEH Case # RO0002436

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. 06-82-625

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



October 27, 2010

Project No. 06-82-625

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 #4977
2770 Castro Valley Blvd, Castro Valley, California; ACEH Case #RO0002436

Dear Mr. Carmel:

Provided herein is the *Third Quarter 2010 Status Report* for Atlantic Richfield Company (a BP affiliated company) Station #4977 located at 2770 Castro Valley Blvd., Castro Valley, Alameda County, California (Site). This report presents a summary of current developments regarding the Site through the Third Quarter 2010.

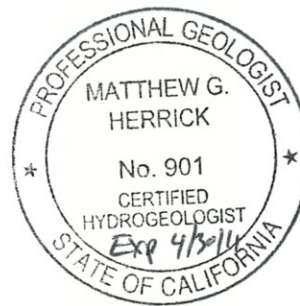
Should you have questions regarding this submission, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Jason Duda
Project Scientist

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



Enclosures

cc: Mr. Paresh Khatri, ACEH (Submitted via ACEH ftp Site)
GeoTracker

STATION #4977 QUARTERLY STATUS REPORT

| | | |
|------------------------------------|----------|--|
| Facility: #4977 | Address: | 2770 Castro Valley Boulevard, Castro Valley, 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) ACEH Case #RO0002436 |
| Consultant Project No.: | | 06-82-625 |

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 of 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. Prepare and submit a Soil and Water Investigation Work Plan to ACEH by November 8, 2010.

QUARTERLY RESULTS SUMMARY:

| | |
|---------------------------------------|--|
| Current phase of project: | <u>Ground-water monitoring/sampling</u> |
| Frequency of ground-water monitoring: | <u>Semi-Annually (2Q & 4Q): Wells MW-1, MW-2 and MW-3</u> |
| Frequency of ground-water sampling: | <u>Semi-Annually (2Q & 4Q): Wells MW-2 and MW-3</u> <u>Annually (4Q): Well MW-1</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:

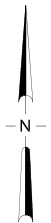
No environmental work activities took place at the Site during Third Quarter 2010. For reference, a Site Location Map is provided as Drawing 1. Provided as Drawing 2 is the Ground-Water Elevation Contours and Analytical Summary Map from the *Second Quarter 2010 Semi-Annual Ground-Water Monitoring Report* (BAI, 7/30/2010) for ground-water monitoring/sampling conducted on May 20, 2010.

The ACEH letter dated September 10, 2010 requested the submittal of a Soil and Water Investigation Work Plan in order to further characterize the source area and down-gradient extent of hydrocarbon contamination within the soil and ground-water associated with the Site. The deadline for submittal of this Work Plan is November 8, 2010.

ATTACHMENTS:

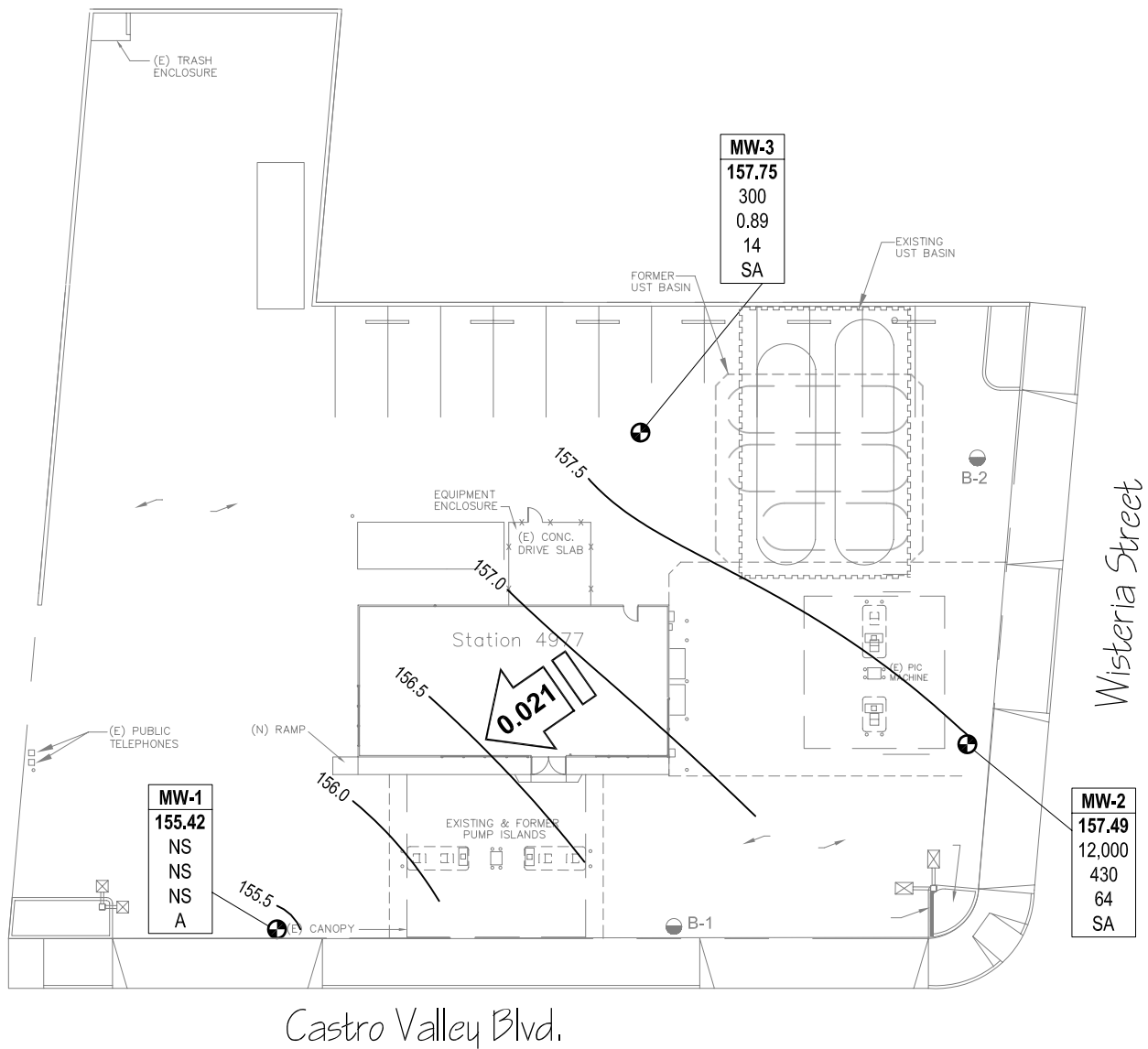
Drawing 1 Site Location Map, Station #4977, 2770 Castro Valley Boulevard, Castro Valley,
California

Drawing 2. Ground-Water Elevation Contour and Analytical Summary Map, Station #4977, 2770
Castro Valley Boulevard, Castro Valley, California



APPROXIMATE SCALE (mi)

IMAGE SOURCE: DELORME



LEGEND

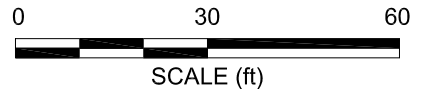
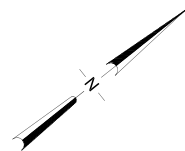
- MONITORING WELL
- SOIL BORING

| | |
|-------------|---|
| Well | WELL DESIGNATION |
| ELEV | GROUND-WATER ELEVATION (FT) |
| GRO | CONCENTRATION OF GRO, BENZENE AND MTBE IN GROUND WATER (µg/L) |
| BZ | |
| MTBE | |
| Q | SAMPLING FREQUENCY |

- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- A SAMPLED ANNUALLY
- SA SAMPLED SEMI-ANNUALLY (2ND AND 4TH QUARTERS)

— 155.5 GROUND-WATER ELEVATION CONTOUR (FT)

GROUND-WATER FLOW DIRECTION AND GRADIENT (FT/FT)



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