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By Alameda County Environmental Health at 11:01 am, Aug 01, 2014

Atlantic Richfield Company

Chuck Carmel

Remediation Management Project Manager

PO Box 1257
San Ramon, CA 94583
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Mobile: (510) 798-8314
E-Mail: chuck.carmel@bp.com

July 30, 2014

Re: Second Quarter 2014 Monitoring Report
Atlantic Richfield Company Station #2169
889 West Grand Ave, Oakland, California
ACEH Case #RO0000072

"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

Remediation Management Project Manager

Attachment:





4820 Business Center Drive, Suite 110
Fairfield, CA 94534
[T] 707 455-7290 [F] 707 863 9046
broadbentinc.com

Creating Solutions. Building Trust.

July 30, 2014

Project No. 06-88-621

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

Attn.: Mr. Chuck Carmel

Re: Second Quarter 2014 Status Report, Atlantic Richfield Company Station No. 2169,
889 West Grand Avenue, Oakland, California; ACEH Case #RO0000072

Dear Mr. Carmel:

Attached is the Second Quarter Status Report for Atlantic Richfield Company Station No. 2169 located at 889 West Grand Avenue, Oakland, California. This report presents a summary of current developments at the Site through the Second Quarter of 2014.

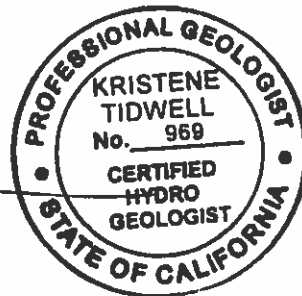
Should you have questions regarding this submittal, please do not hesitate to contact us at (707) 455-7290.

Sincerely,

BROADBENT & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Kristene Tidwell', written over a horizontal line.

Kristene Tidwell, P.G., C.HG
Senior Hydrogeologist



Enclosures

cc: Mr. Keith Nowell, Alameda County Environmental Health (submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

**SECOND QUARTER 2014
STATUS REPORT
ARCO STATION No. 2169, OAKLAND, CALIFORNIA**

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Second Quarter 2014 Status Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for ARCO Station #2169 located in Oakland, Alameda County, California. Quarterly reporting is being submitted to the Alameda County Environmental Health Services Agency (ACEH) consistent with their requirements under the legal authority of the California Regional Water Quality Control Board as codified by California Code of Regulations Title 23, Section 2652(d). A summary description of current developments regarding the Site is provided below.

Facility Name / Address:	ARCO Station NO. 2169 / 889 West Grand Avenue, Oakland
Client Project Manager / Title:	Mr. Chuck Carmel / RM Project Manager
Broadbent Contact:	Kristene Tidwell / (707) 455-7290
Broadbent Project No.:	06-88-621
Primary Regulatory Agency / ID No.:	ACEH, Case #RO0000072
Current phase of project:	Closure Evaluation
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Second Quarter 2014):

1. Submitted *First Quarter 2014 Monitoring Report* dated April 29, 2014
2. No environmental field work was conducted at Station No. 2169 during the First Quarter of 2014.

WORK SCHEDULED FOR NEXT QUARTER (Third Quarter 2014):

1. Submit *Second Quarter 2014 Status Report* (contained herein).
2. Conduct well destruction and other closure related activities per agency requirements.
3. Prepare and well destruction report.

DISCUSSION:

No environmental field activities took place at the Site during First Quarter 2014. 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 2014 Monitoring Report* dated April 29, 2014. Currently the Site is being reviewed for closure and is currently under a 60-day public review period. This review period ends on July 29, 2014. Once the public comment period has expired, it is anticipated that letter requesting Site wells be destroyed. Upon completion of well destruction and other closure related activities, a well destruction report will be prepared and submitted to the ACEH.

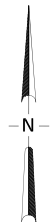
ATTACHMENTS:

- Drawing 1: Site Location Map
Drawing 2: Groundwater Elevation Contour and Analytical Summary Map, February 20, 2014

LIST OF COMMONLY USED ACCRONYMS/ABBREVIATIONS:

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

DRAWINGS



APPROXIMATE SCALE (mi)

IMAGE SOURCE: DELORME



1370 Ridgewood Drive, Suite 5
Chico, California 95973

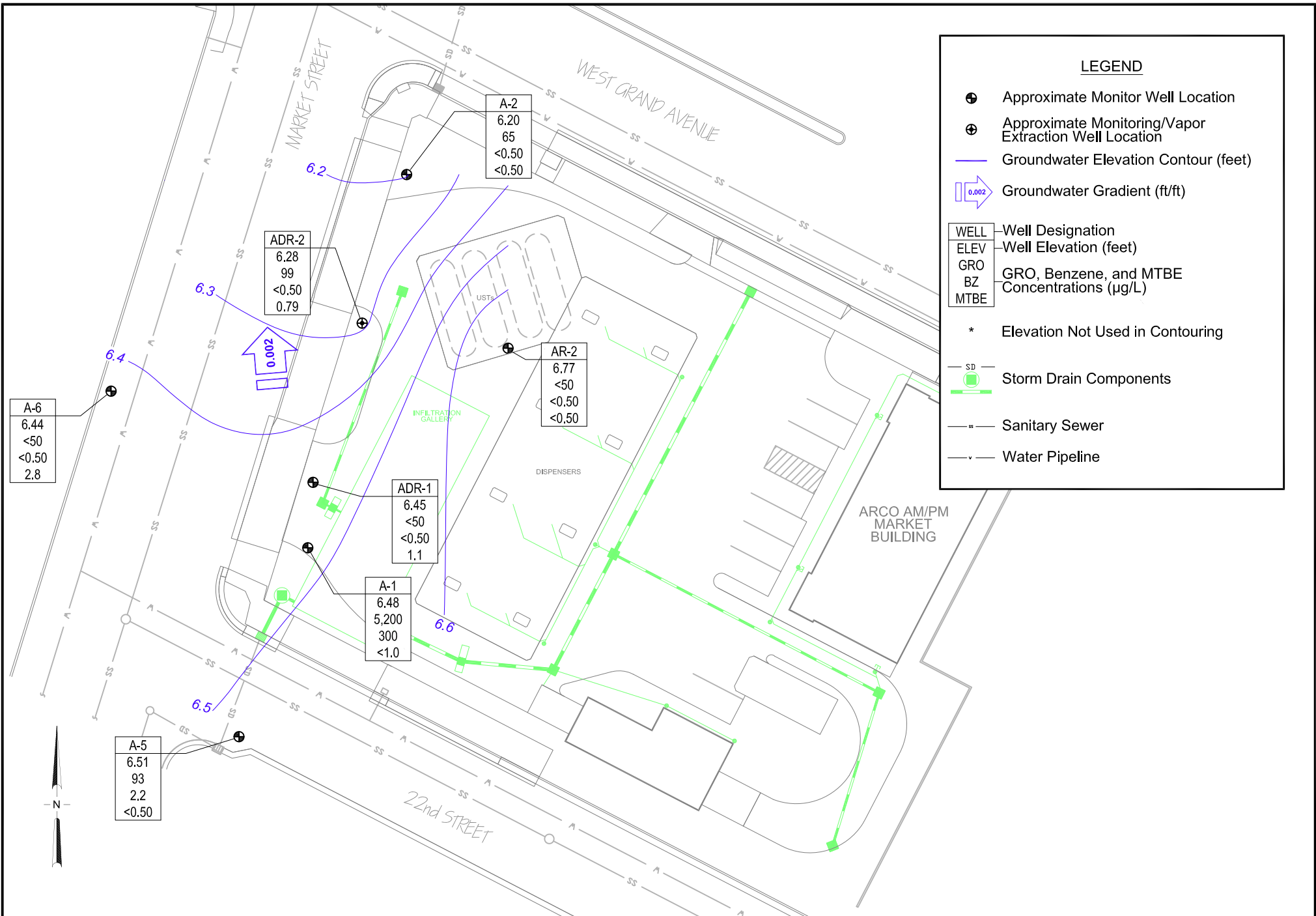
Project No.: 06-88-621 Date: 4/16/2014

ARCO Station #2169
889 West Grand Avenue
Oakland, California

Site Location Map

Drawing

1



LEGEND

- Approximate Monitor Well Location
- Approximate Monitoring/Vapor Extraction Well Location
- Groundwater Elevation Contour (feet)
- Groundwater Gradient (ft/ft)

WELL	Well Designation
ELEV	Well Elevation (feet)
GRO	GRO, Benzene, and MTBE Concentrations (µg/L)
BZ	
MTBE	

- * Elevation Not Used in Contouring
- Storm Drain Components
- Sanitary Sewer
- Water Pipeline

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ADR-2
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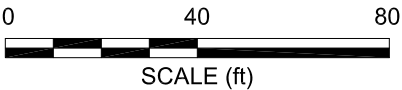
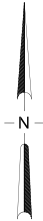
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BROADBENT
1370 Ridgewood Dr., Suite 5
Chico, California 95973
Project No.: 06-88-621 Date: 04/17/2014

ARCO Station #2169
889 West Grand Avenue
Oakland, California

Groundwater Elevation Contours and
Analytical Summary Map
February 20, 2014

Drawing

2