



**CONESTOGA-ROVERS
& ASSOCIATES**

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TRANSMITTAL

DATE: February 10, 2011 REFERENCE NO.: 060204
PROJECT NAME: 2301-2307 Lincoln Avenue, Alameda
TO: Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
2:16 pm, Feb 16, 2011
Alameda County
Environmental Health

Please find enclosed: Draft Final
 Originals Other
 Prints
Sent via: Mail Same Day Courier
 Overnight Courier Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Well Survey Report

As Requested For Review and Comment
 For Your Use _____

COMMENTS:
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Alan A. and Beverly M. Sebanc, Trustees, 2805 Ralston Avenue, Hillsborough, CA 94010
Jake Torrens, AMEC Geomatrix, Inc., 2101 Webster Street, 12th Floor, Oakland, CA 94612

Completed by: Peter Schaefer Signed:

Filing: **Correspondence File**



Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Denis L. Brown
Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Subject: 2301-2307 Lincoln Avenue
Alameda, California
SAP Code 165255
Incident No. 97767044
Agency No. RO0002971

Dear Mr. Wickham,

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (707) 865-0251 with any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Senior Program Manager



WELL SURVEY REPORT

**FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA**

**SAP CODE 165255
INCIDENT NO. 97767044
AGENCY NO. RO0002971**

**FEBRUARY 10, 2011
REF. NO. 060204 (19)**

This report is printed on recycled paper.

**Prepared by:
Conestoga-Rovers
& Associates**

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TABLE 1 WELL SURVEY RESULTS

EXECUTIVE SUMMARY

- CRA reviewed ACPWA and DWR records for water-producing wells within 2,000 feet of the subject site.
- One domestic well, five irrigation wells, and two industrial wells were identified. The domestic well is located cross gradient from the site. The current status of these wells is not known.

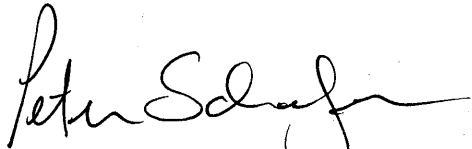
1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to present the well survey requested in Alameda County Environmental Health's October 11, 2010 letter. Well records were obtained from the Alameda County Public Works Agency (ACPWA) and from the California Department of Water Resources (DWR).

2.0 WELL SURVEY

CRA found well records for eight water-supply wells within 2,000 feet of the site: one domestic well located 1,050 feet south-southwest of the site, five irrigation wells located 500 to 2,000 feet from the site, and two industrial wells located 1,400 feet from the site. Based on the shallow groundwater data from surrounding sites, the predominant groundwater flow is easterly. The irrigation well 500 feet northwest of the site is up to cross gradient from the site, and the domestic well is cross gradient from the site. The current status of these wells is not known. Down-gradient wells are over 1,000 feet from the site, so there is little likelihood that the petroleum hydrocarbon impacts from the site would reach them. All identified wells are listed in Table 1, and the locations are shown on Figure 1.

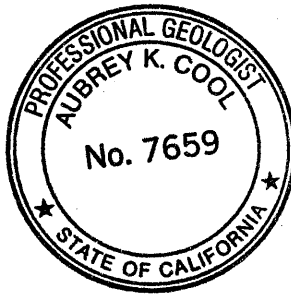
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



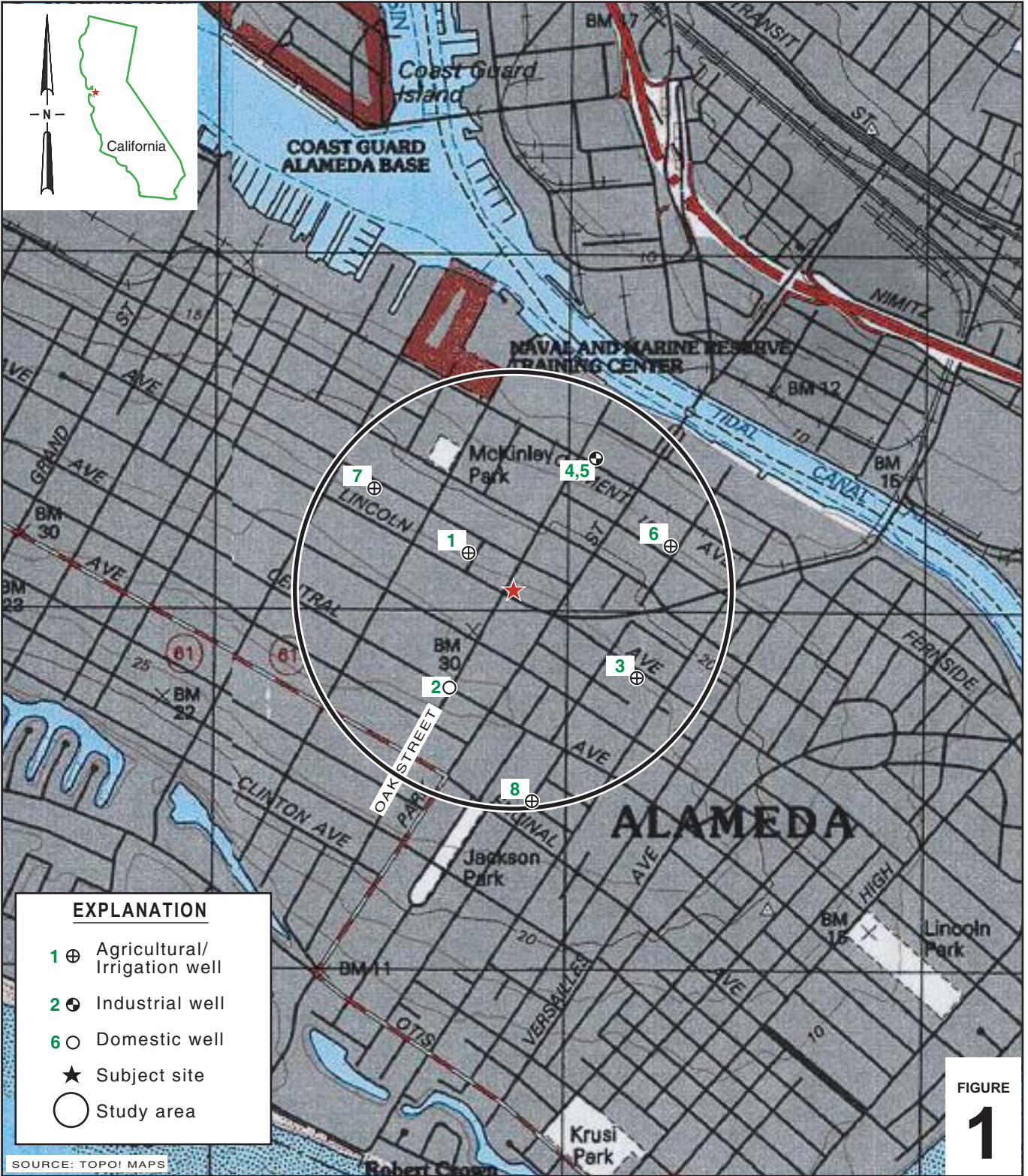
Peter Schaefer, CEG, CHG



Aubrey K. Cool, PG



FIGURE



I:\Shell\6-chars\0602--\060204-Alameda 2301-2307 Lincoln Ave\060204 FIGURES\060204 VICINITY.A1

Former Shell Service Station

2301-2307 Lincoln Avenue
Alameda, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map

TABLE

TABLE 1
WELL SURVEY RESULTS
FORMER SHELL SERVICE STATION
2301-2307 LINCOLN AVENUE, ALAMEDA, CALIFORNIA

<i>Map ID</i>	<i>State Well ID</i>	<i>Owner Well ID</i>	<i>Approximate Distance from Site (feet)</i>	<i>Direction from Site</i>	<i>Use</i>	<i>Installation Date</i>	<i>Depth (fbg)</i>	<i>Screened Interval (fbg)</i>	<i>Sealed Interval (fbg)</i>	<i>Diameter (inches)</i>	<i>Well Location</i>
1	2S3W-7N 1	unknown	500	NW	IRR	unknown	206	unknown	unknown	unknown	2235 Lincoln Ave., Alameda, CA
2	2S4W-12R 1	unknown	1,050	SSW	DOM	unknown	325	unknown	unknown	16	Central Ave. & Oak St., Alameda, CA
3	2S3W-7P 2	unknown	1,300	NW	IRR	8/23/78	17	9-17	unknown	6	2538 Lincoln Ave., Alameda, CA
4	2S3W-7M 1	unknown	1,400	NE	IND	4/9/77	72	20-71	0-20	6	2307 Clement Ave., Alameda, CA
5	2S3W-7M 2	unknown	1,400	NE	IND	4/18/77	80	20-80	0-20	6	2307 Clement Ave., Alameda, CA
6	2S3W-7L 2	unknown	1,450	ENE	IRR	unknown	unknown	unknown	0-8	4	1819 Everett St., Alameda, CA
7	2S4W-12J 1	unknown	1,700	NW	IRR	8/77	29	unknown	0-11	6	2138 Pacific Ave., Alameda, CA
8	2S3W-18D1	unknown	2,000	S	IRR	5/1/1977	20	12-20	0-10	6	2518 Chester St., Alameda, CA

Notes:

Well information provided by the Alameda County Public Works Agency (ACPWA) and California Department of Water Resources (DWR).

Map ID number refers to map location on Figure 1.

State Well ID = California State well identification number as provided by ACPWA and/or DWR.

Well locations are approximate and have not been field verified. The well locations are plotted on Figure 1 based on the information provided by ACPWA and/or DWR.

Current well status is not known and has not been field verified.

Monitoring wells, test wells, recovery wells, cathodic protection wells, abandoned wells, and destroyed wells were not included in the table or mapped.

fbg = feet below grade

DOM = Domestic

IRR = Irrigation

IND = Industrial