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P.O. Box 6012  
San Ramon, CA 94583-2324  
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Karen Streich  
Project Manager

October 7, 2004  
(date)

**ChevronTexaco**

Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Alameda County  
OCT 13 2004  
Environmental Health Division

Re: Chevron Service Station # 30-4291

Address: 3884 1st Street, Livermore

I have reviewed the attached report titled Area Well Survey  
and dated October 7, 2004.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Cambria Environmental Technology, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich  
Project Manager

Enclosure: Report

October 7, 2004

Mr. Robert Schultz  
Alameda County Environmental Health Services (ACEHS)  
1131 Harbor Bay Parkway  
Alameda, CA 94502

Re: **Area Survey Results**  
Former Chevron SS #9-0261 (Site #304291)  
3884 First Street  
Livermore, California  
Cambria Project No. 31E-2036

RECEIVED  
OCT 13 2004  
ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES



Dear Ms. Schultz:

Cambria Environmental Technology, Inc. (Cambria) is submitting the following area well survey on behalf of Chevron Products Company (Chevron). The survey was performed in response to your request in a letter dated June 10, 2004.

The location of the former Standard Oil (Chevron) facility is a triangular-shaped lot at the intersection of Portola Avenue and First Street in Livermore, California (Figure 1). Cambria used information obtained from GeoMatrix consultants to complete this well survey. GeoMatrix contacted the California Department of Water Resources (DWR) and Alameda County Zone 7 Water District and requested they review their records for wells within a ¼-mile radius of 3800 First Street, Livermore, California.

The DWR identified two well locations within a one-quarter mile radius of the site (Figure 1). The two nearest well locations are of a cluster of three monitoring wells located approximately 435 feet to the northeast, and a municipal well located approximately 1,200 feet south of the site. Five wells were identified between one-quarter and one-half miles from the site. Four of these wells are identified as monitoring wells and one is a well of unknown use. The well of unknown use is located approximately 2,300 feet east of the site, and is likely used for industrial purposes, as it is owned by Coast Mfg. & Supply Co. Seven additional wells were identified beyond a one-half mile radius of the site. Two of these are municipal wells, one is a domestic well, one is unknown, and three are monitoring wells. Table 1 presents details of all known wells in the area.

**Cambria  
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Technology, Inc.**

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# C A M B R I A

According to the USGS Livermore 7.5 Quadrangle map, no significant surface water exists within 2,000 feet of the site. The *Zone 7 Water Agency Groundwater Contour Map for Fall 1996* indicates that the regional groundwater flow direction within the Livermore Valley is towards the northwest. Groundwater in the vicinity of the site has also been indicated to flow towards the southwest, according to a site investigation report conducted by Tom Edwards & Associates in 1993. Based on the above information, no known drinking-water wells or surface waters are likely to be impacted by hydrocarbons from the site.

Please call Robert Foss at (510) 420-3348 if you have any questions or comments.



Sincerely,  
**Cambria Environmental Technology, Inc.**

Melissa Terry  
Staff Scientist

Robert Foss, R.G.  
Associate Geologist

Tables: 1 – DWR Well Survey Results

Figures: 1 – Well Survey Map

Attachments: A – MS Streets & Trips© Map w/Well Locations

cc: Ms. Karen Streich, ChevronTexaco, P.O. Box 6012, San Ramon, CA 94583  
Ms. Sandi L. Nichols, Stoel Rives, 111 Sutter Street, Suite 700, San Francisco,  
CA 94104  
Mr. Jon Robbins, ChevronTexaco, P.O. Box 6012, San Ramon, CA 94583  
Ms. Susan Gallardo, GeoMatrix Consultants, Inc., 2101 Webster Street,  
12<sup>th</sup> Floor, Oakland, CA 94612

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Table 1. DWR Well Survey Results - Chevron Station 30-4291, Livermore, CA

Owner	Figure 1 ID	State Well ID	Installation Date	Use	Depth (fbg)	Screened Interval (fbg)	Approximate Distance from Site
Sam Patel	1	3S/2E9A2	October 10, 1990	MONIT	44	29-44	435 feet NW
California Water Service Co.	2	50880	January 7, 1960	MUN	449	110-425	1,200 feet S
Unknown	3	3S/2E10D6	March 30, 1988	MONIT	41	21-36	1,650 feet NE
Coast Mfg. & Supply Co.	4	3S/2E10F1	October 12, 1948	UNK	457	Unknown	1,650 feet SE
JWK Holdings	5	3S/2E10C39	July 23, 1998	MONIT	26	16-26	1,950 feet E
Intel Corporation	6	3S/2E10C4	December 4, 1979	MONIT	30	Unknown	2,300 feet E
Chevron USA, Inc.	7	3S/2E9K8	December 18, 1992	MONIT	66	40-65	2,300 feet SW
Hexcel Corporation	8	3S/2E10F1	December 1, 1924	UNK	722	662-682	>1/2 mile
Richard Corbett	9	3S/2E9L3	December 6, 1991	MONIT	61	46-61	>1/2 mile
California Water Service Co.	10	24084	May 3, 1956	MUN	504	192-492	>1/2 mile
Zone 7 Water Agency	11	3S/2E9Q4	November 1, 1977	MONIT	80	70-75	>1/2 mile
Livermore School District	12	3S/2E9L2	December 14, 1990	MONIT	67	42-67	>1/2 mile
Lawrence Hoffman	13	3S/2E3M2	June 10, 1977	DOM	190	140-155	>1/2 mile
California Water Service Co.	14	3S/2E9Q1	February 18, 1952	MUN	502	180-492	>1/2 mile

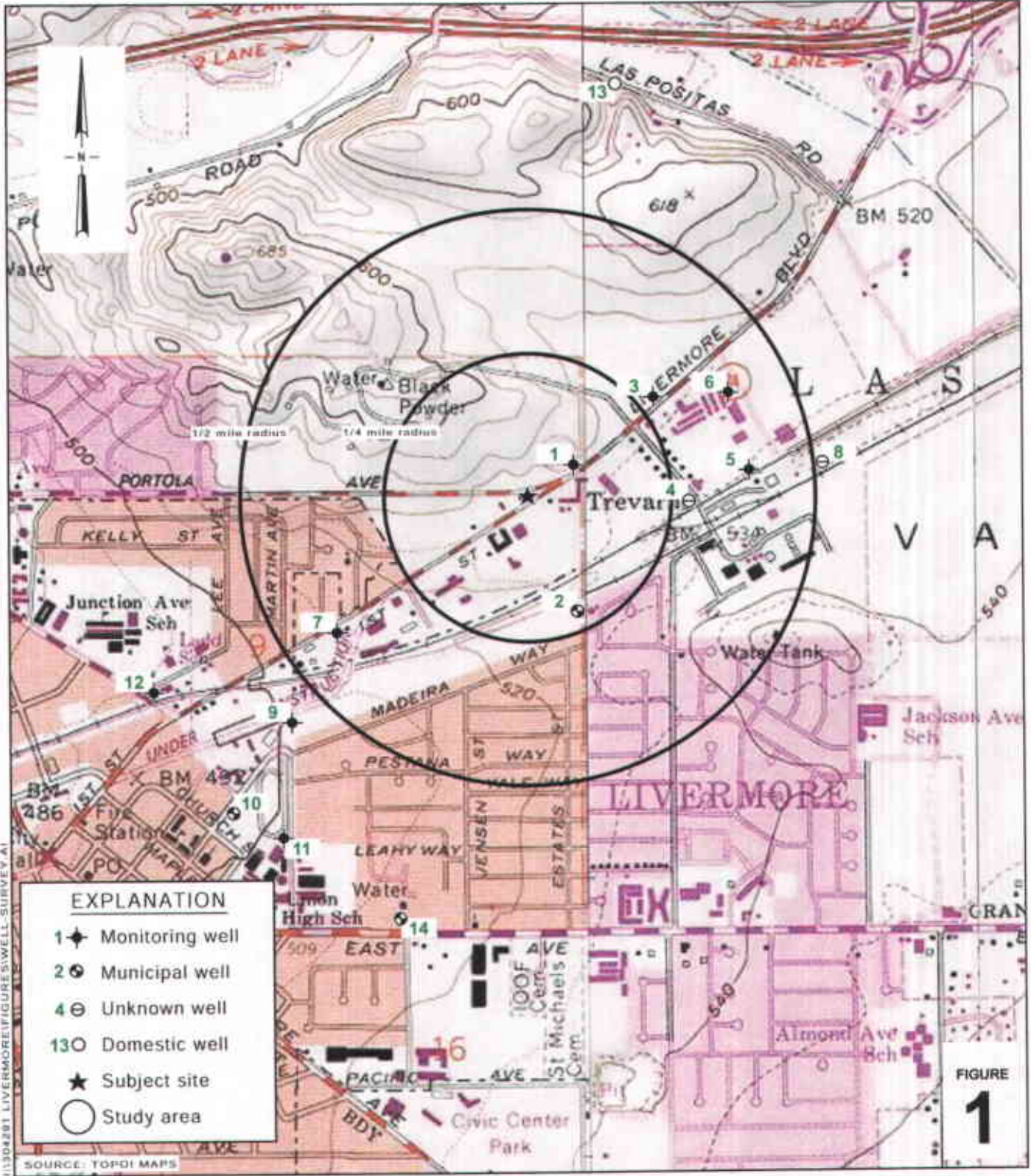
DOM = Domestic

MUN = Municipal

MONIT = Monitoring

UNK = Unknown

Well Survey Results Oct 04.xls



**Former Standard Oil Service Station 9-0261 (Site No. 304291)**

3884 First Street  
Livermore, California



C A M B R I A

**Well Survey Map**  
(1/2- and 1/4- Mile Radii)

FIGURE  
**1**

**ATTACHMENT A**

**MS Streets & Trips© Map w/Well Locations**



# Locations of wells

