

**RECEIVED**

2:38 pm, Jan 21, 2010

Alameda County  
Environmental Health



76 Broadway  
Sacramento, California 95818

January 19, 2010

Mark Detterman,  
Alameda County Health Agency  
1131 Harbor Bay parkway, Suite250  
Alameda, California 94502-577

Re: ***Sensitive Receptor Survey***  
**76 Service Station # 3737 RO 067**  
**1400 Powell Street**  
**Emeryville, CA**

Dear Mr. Detterman,

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry L. Grayson". The signature is written in a cursive, flowing style with a large, sweeping underline.

Terry L. Grayson  
Site Manager  
Risk Management & Remediation

January 18, 2010

Mr. Mark Detterman  
Alameda County Health Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**Re: Sensitive Receptor Survey**  
76 Station No. 3737  
1400 Powell Street  
Emeryville, California  
RO# 0067



Dear Mr. Detterman,

This report has been prepared by Delta Consultants (Delta) on behalf of ConocoPhillips Company (ConocoPhillips). The sensitive receptor survey was completed to identify all water supply wells within a one-half mile radius of the 76 branded service station located at 1400 Powell Street in Emeryville, California (**Figure 1**). Additionally, potential receptors such as schools, daycare centers, hospitals, and water bodies within 2,000 feet from the site referenced above have been identified.

#### **METHODS**

The survey entailed contacting the Department of Water Resources (DWR) to obtain a well search report. Delta used this report to identify all wells within a one-half mile radius of the site, including domestic, municipal, and irrigation wells.

#### **FINDINGS**

Water Well Survey: The DWR well search report was reviewed in order to determine the location of any water-supply wells in the vicinity of the subject site. Information provided by the DWR did not show any domestic, municipal, or agricultural wells within a one-half mile radius of the site.

Other wells located in the vicinity of the site include monitoring, test, remediation, and wells which have been abandoned or destroyed. These wells are not shown on Figure 1.

Sensitive Receptor Survey: A web-based search was completed to identify additional receptors such as schools, daycare centers, and hospitals within a 2,000 foot survey area.

Hospitals:

There are no hospitals located within one-half mile of the site.

Schools:

Pacific Rim International School (0.17 miles southeast of site)  
5521 Doyle St  
Emeryville CA 94608

Emery Middle School (0.27 miles north by northeast of site)  
1275 61st St  
Emeryville CA 94608  
(510) 595-1855

Berkley Maynard Academy (0.48 miles northeast of site)  
6200 San Pablo Ave  
Emeryville CA 94608  
(510) 658-2900

Emery Secondary School (0.49 miles southeast of site)  
1100 47th St  
Emeryville CA 94608  
(510) 601-4000

Daycare Centers:

Emeryville Child Development (0.27 miles southeast of the site)  
1220 53rd St  
Emeryville, CA  
(510) 596-4343

Your Child's Second Home Daycare (0.43 miles east by northeast of the site)  
1079 59th St  
Emeryville, CA  
(510) 653-9496

Bodies of Water:

The San Francisco Bay is approximately one-half mile west of the site. There are no monitoring wells at the site, and local groundwater flow direction beneath the site has not been established.

Please call (408) 826-1863 if you have any questions regarding this receptor survey.

Sincerely,  
**Delta Consultants**

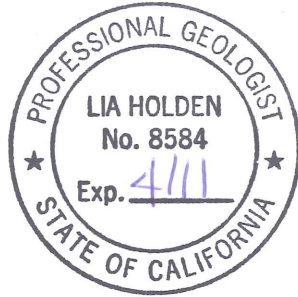
Sensitive Receptor Survey  
ConocoPhillips Service Station No. 3737  
Emeryville, California

*Yvette Pico*  
FOR

Evan Chantikian  
Senior Staff Geologist

*Lia Holden*

Lia Holden, PG  
Geologist – Project Manger



cc: Mr. Terry Grayson – ConocoPhillips (electronic copy only)

Figures:

Figure 1

Receptor Location Map

**Figure**

# ConocoPhillips Station No. 3737 Sensitive Receptor Map

