



76 Broadway
Sacramento, California 95818

February 24, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Transmittal**
Sensitive Receptor Survey
76 Service Station #3135
845 66th Avenue
Oakland, CA

Dear Mr. Hwang:

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 contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

A handwritten signature in black ink that reads "Thomas H. Kosel".

Thomas Kosel
Risk Management & Remediation

Attachment

R0408



Customer-Focused Solutions

February 24, 2006

TRC Project No. 42013809

Mr. Don Hwang
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, CA. 94502-6577

RE: SENSITIVE RECEPTOR SURVEY
76 SERVICE STATION # 3135
845 66TH AVE., OAKLAND, CALIFORNIA

Dear Mr. Hwang:

On behalf of ConocoPhillips, TRC has prepared this sensitive receptor survey report for 76 Service Station # 3135, located at 845 66th Ave. (Site) in Oakland, California (Figure 1).

SCOPE OF WORK

To identify domestic and municipal wells within one-half mile of the subject site, TRC contacted the Department of Water Resources to review copies of well completion reports from nearby wells. The results, excluding destroyed water supply wells and groundwater monitoring and extraction wells, are summarized in Figure 1.

Also included in the survey was an evaluation of nearby surface water bodies as possible sensitive receptors. TRC accomplished this by observing various site and vicinity maps. Figure 1 shows the nearby surface water bodies, if any.

SENSITIVE RECEPTOR SURVEY

A request was made to the California Department of Water Resources (DWR) for well completion reports within the vicinity of the site. Of the well completion reports reviewed, no water supply wells were located within a one-half mile radius of the Site.

Surface water bodies within a one-half mile of the Site include Damon Slough and Lion Creek, located approximately 775 feet south and 525 feet southeast of the Site, respectively.

Groundwater at the site is found at an average depth of 6.58 feet below grade and flows in a northern direction at a hydraulic gradient of 0.005 feet per foot (Semi-Annual Monitoring Report dated October 26, 2005). However, historical groundwater flow directions have varied from northeast, northwest, southwest and southeast.

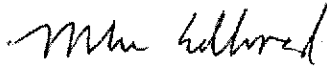
CONCLUSIONS

No water supply wells were identified within a one-half mile radius of the Site.

Due to the close proximity of Damon Slough and Lion Creek to the Site and historical groundwater flow directions, both surface water bodies may be considered potential sensitive receptors.

If you have any questions or concerns regarding this information, please contact either of the undersigned at 925-688-1200.

Sincerely,
TRC



Mike Sellwood
Staff Geologist

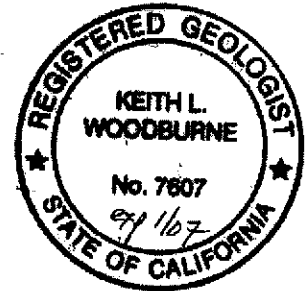


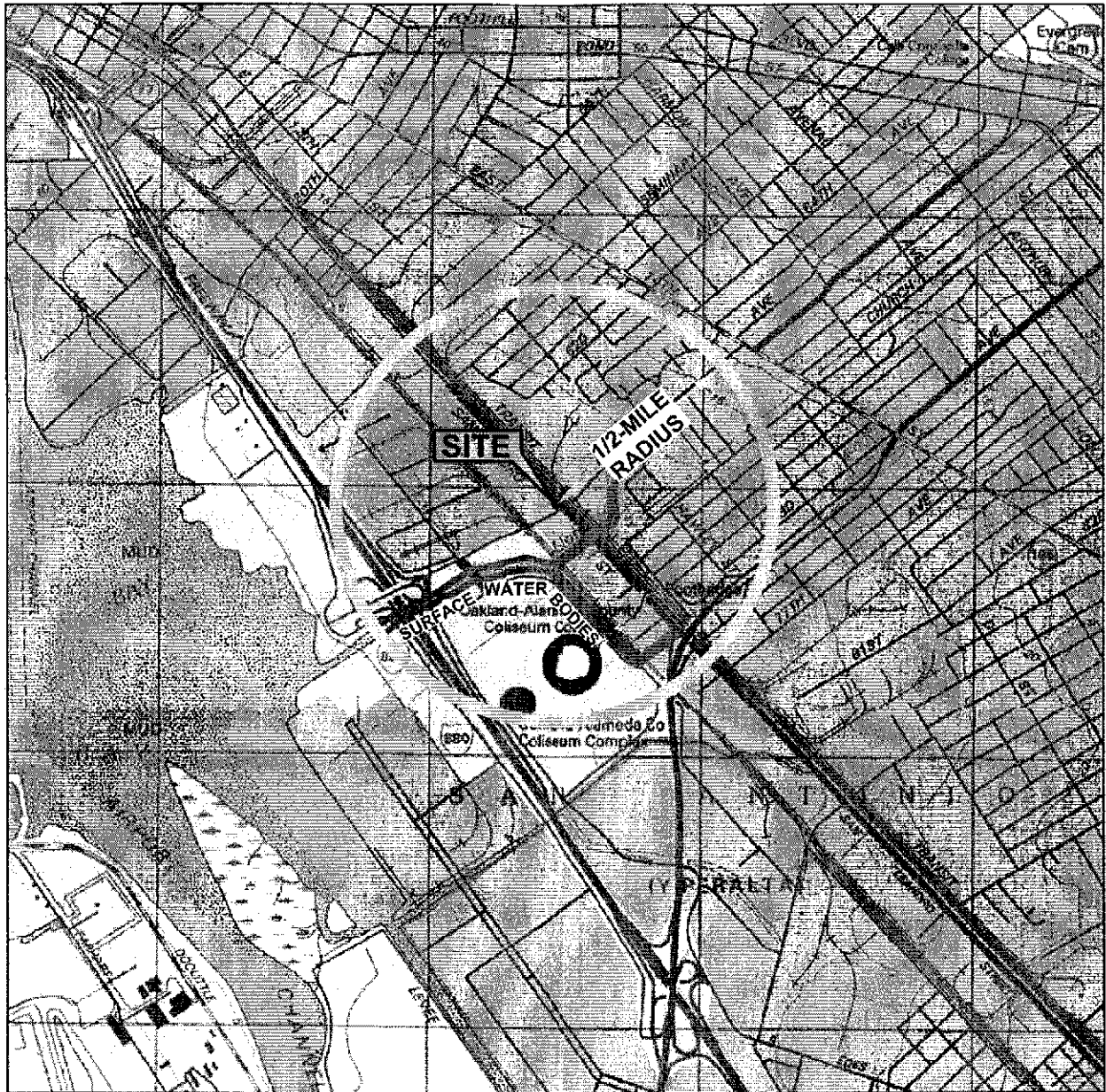
Keith Woodburne, P.G.
Senior Project Geologist

Attachments:

Figure 1 – Sensitive receptors within one-half mile radius of Site

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)





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SCALE 1 : 24,000



SOURCE:

United States Geological Survey
 7.5 Minute Topographic Maps:
 Oakland East and San Leandro
 Quadrangles
 California



SENSITIVE RECEPTORS WITHIN ONE-HALF MILE RADIUS OF SITE

76 Service Station #3135
 845 66th Avenue
 Oakland, California

TRC

FIGURE 1