**ExxonMobil** Refining & Supply Company

Global Remediation

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ExonMobil
Refining & Supply

Gene N. Ortega

Territory Manager

Global Remediation - US Retail

March 17, 2003

Mr. Barney Chan

Alameda County Health Care Services Agency

Department of Environmental Health 1131 Harbor Bay Parkway, Room 250

Alameda, California 94502

RE: Former Exxon RAS #7-3006/720 High Street, Oakland, California.

Dear Mr. Chan:

Attached for your review and comment is a letter report entitled Quarterly Site Status Report, Fourth Quarter 2002, dated March 17, 2003, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details fourth quarter 2002 status for the subject site.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,

Gene N. Ortega Territory Manager

Attachment:

ERI's Quarterly Site Status Report, Fourth Quarter 2002, dated March 17, 2003.

cc:

w/ attachment

Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region

Mr. Victor Chu, Law Offices of Gerald Lam

w/o attachment

Ms. Paula A. Sime, Environmental Resolutions, Inc.



# ENVIRONMENTAL RESOLUTIONS, INC.

March 17, 2003 ERI 201013.R26

Mr. Gene N. Ortega ExxonMobil Oil Corporation 2300 Clayton Road, Suite 1250 Concord, California 94520

Subject:

Quarterly Site Status Report, Fourth Quarter 2002, Former Exxon Service

Station 7-3006, 720 High Street, Oakland, California.

#### Mr. Ortega:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) is reporting the fourth quarter 2002 status for the subject site. The location of the site is shown on the Site Vicinity Map (Plate 1). The locations of groundwater monitoring wells and select site features are shown on the Generalized Site Plan (Plate 2).

### GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring and sampling at this site is performed on an annual basis, during the first quarter of the year. ERI submitted the first quarter 2002 annual monitoring and sampling report on May 23, 2002.

#### SOIL AND GROUNDWATER REMEDIATION

### Air Sparge/Soil Vapor Extraction

ExxonMobil operated an air sparge/soil vapor extraction (AS/SVE) system at the site from August 1996 through July 28, 1999. The AS/SVE system removed approximately 5,144 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 61 pounds of benzene during its operational period.

## **Groundwater Extraction and Treatment**

ExxonMobil operated a groundwater remediation system (GRS) at the site from January 1, 1995, through December 23, 1998. The GRS removed approximately 10 pounds of gasoline hydrocarbons (calculated as TPHg) and 3 pounds of benzene during its operational period.

#### **Bio-Sparge System**

ERI is currently operating a bio-sparge system at the site. The system uses an air compressor to pump air into an on-site groundwater interceptor trench to enhance biodegredation.

#### STATUS OF INVESTIGATION

At the request of ExxonMobil, ERI is continuing annual groundwater monitoring and sampling at the site. The site is currently an active Texaco service station. Groundwater monitoring wells MW3, MW4, and MW12 were paved over during station remodeling. ERI has located and uncovered MW3. In December 2002, ERI made a second attempt to locate MW4 and MW12, and was unsuccessful. ERI will attempt to locate the wells using ground-penetrating radar in January 2003. If this technique is successful, ERI will uncover MW12 by the first quarter 2003 annual monitoring and sampling event. ERI will attempt to locate and uncover MW4; however, based on field observations during the station remodeling, it is likely that a utility conduit is blocking access to this well.

ERI will continue to operate the biosparge system to enhance biodegredation at the site.

#### DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. Barney Chan Alameda County Health Care Services Agency Department of Environmental Health 1131 Harbor Bay Parkway, Room 250 Alameda, California 94502

Mr. Chuck Headlee California Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400 Oakland, California 94612

Mr. Victor Chu c/o Law Offices of Gerard Lam 1407 Webster Street, #216 Oakland, California 94612

#### LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Ms. Paula Sime, ERI's senior staff geologist for this site, at (415) 382-4324 with any questions regarding this project.

Sincerely,

Environmental Resolutions, Inc.

Paula Sime

Senior Staff Geologist

John B. Bobbitt

R.G. 4313

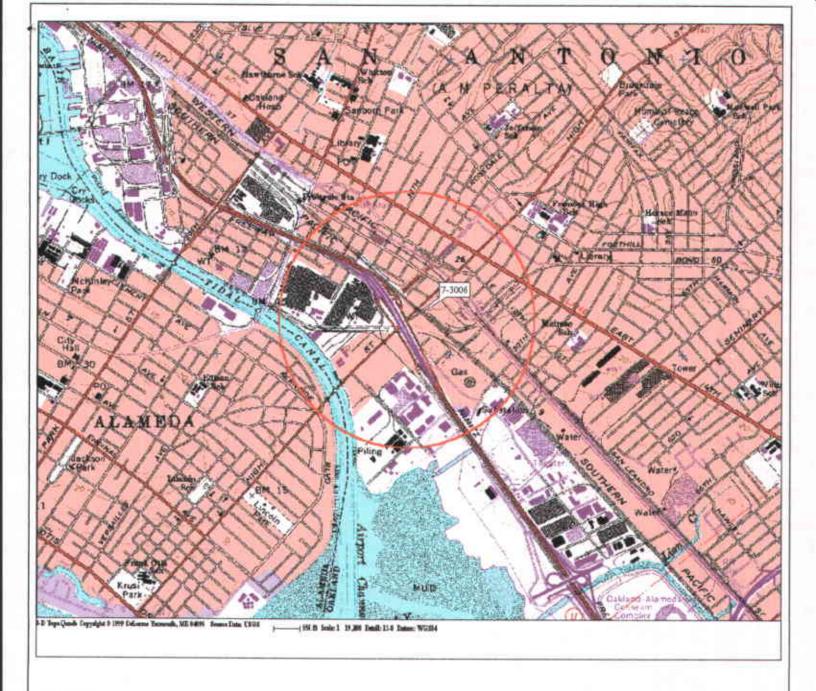
Attachments:

Plate 1:

Site Vicinity Map

Plate 2:

Generalized Site Plan

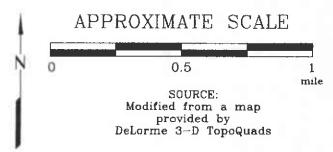


FN 2010

# **EXPLANATION**



1/2-mile radius circle





# SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-3006 720 High Street Oakland, California PROJECT NO.

2010

PLATE

1

