



76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

February 14, 2005

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Alameda County
FEB 28 2005
Environmental Health

Re: **Document Transmittal**
Fuel Leak Case No. RO0000058
76 Station 6129
3420 35th Avenue
Oakland, California

Dear Mr. Hwang:

Please find attached Miller Brooks' *Well Search Results*, dated 2/14/05 for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

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

Sincerely,

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment

cc: Jed Douglas, Miller Brooks



February 14, 2005

Mr. Donald Hwang
Alameda County Department of Public Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SITE: 76 STATION 6129
3420 35th AVENUE
OAKLAND, CALIFORNIA

RE: WELL SEARCH RESULTS

Dear Mr. Hwang:

Miller Brooks Environmental, Inc. (Miller Brooks), on behalf of ConocoPhillips Company (ConocoPhillips), submits this report detailing the results of a ¼-mile radius well search. The well search was originally requested by the Alameda County Health Care Services (ACHCS) in a letter to ConocoPhillips dated July 23, 2004. On September 28, 2004, Miller Brooks sent a request to the Alameda County Public Works Agency (ACPWA), requesting that the ACPWA provide information on known wells within the search area. On January 13, 2005, Miller Brooks contacted the ACPWA to determine the status of the well search results. The ACPWA stated that the original request was never received, but would be processed at that time. The results were received by Miller Brooks on January 18, 2005.

Environmental Health
FEB 28 2005
Alameda County

SITE DESCRIPTION

The site is currently an operating 76 Service Station located at the southern corner of 35th Avenue and Quigley Street, in Oakland, California (Figure 1). The station dispenses gasoline stored in two 12,000-gallon underground storage tanks (USTs) from two dispenser islands. An automotive repair building is present at the site, which contains three service bays. Additionally, there is one used-oil UST, three hydraulic lifts, and three groundwater monitoring wells (MW-1 through MW-3) present at the site. There was previously one former used-oil UST, one former clarifier was present beneath the central hydraulic lift, and two floor drains have previously been removed. Pertinent current and former site features are displayed on Figure 2. A former Exxon service station is located to the northeast immediately across Quigley Street.

WELL SEARCH RESULTS

The ACPWA provided a list of 109 wells, which includes all the township, range and sections which lie within the requested ¼-mile radius. Out of the 109 wells identified by the ACPWA, 89 are monitoring wells, 7 are soil borings, 5 are destroyed, 2 are cathodic protection, and one is a shallow recovery well. The remaining five wells are reported as private irrigation wells, of which only one lies within the search radius. The details of the irrigation well identified within the search radius are presented in Table 1. The irrigation well is located approximately 800 feet west/northwest of the site, in the potential downgradient location, as shown on Figure 1. The current status of the irrigation well is unknown.

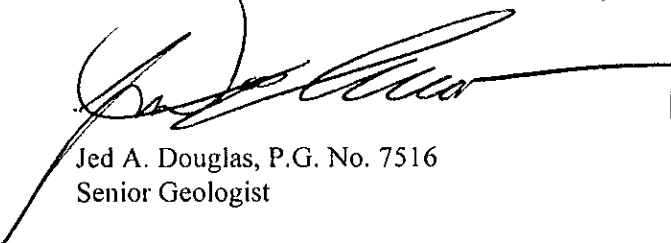
CONCLUSIONS

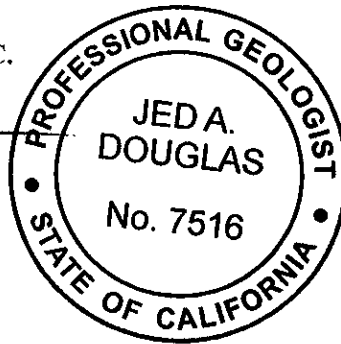
Based on the distance from the site, and the low concentrations of dissolved petroleum hydrocarbons present in the groundwater, Miller Brooks believes that it is unlikely that the dissolved hydrocarbon plume has reached the irrigation well. However, additional subsurface investigation at the site is already planned to define the dissolved hydrocarbon plume, and is described in the previously submitted Miller Brooks *Work Plan for Additional Subsurface Site Assessment Activities*, dated October 11, 2004.

If you have any questions regarding this report, please feel free to call Mr. Thomas Kosel of ConocoPhillips at 916-558-7666.

Sincerely,

MILLER BROOKS ENVIRONMENTAL, INC.


Jed A. Douglas, P.G. No. 7516
Senior Geologist

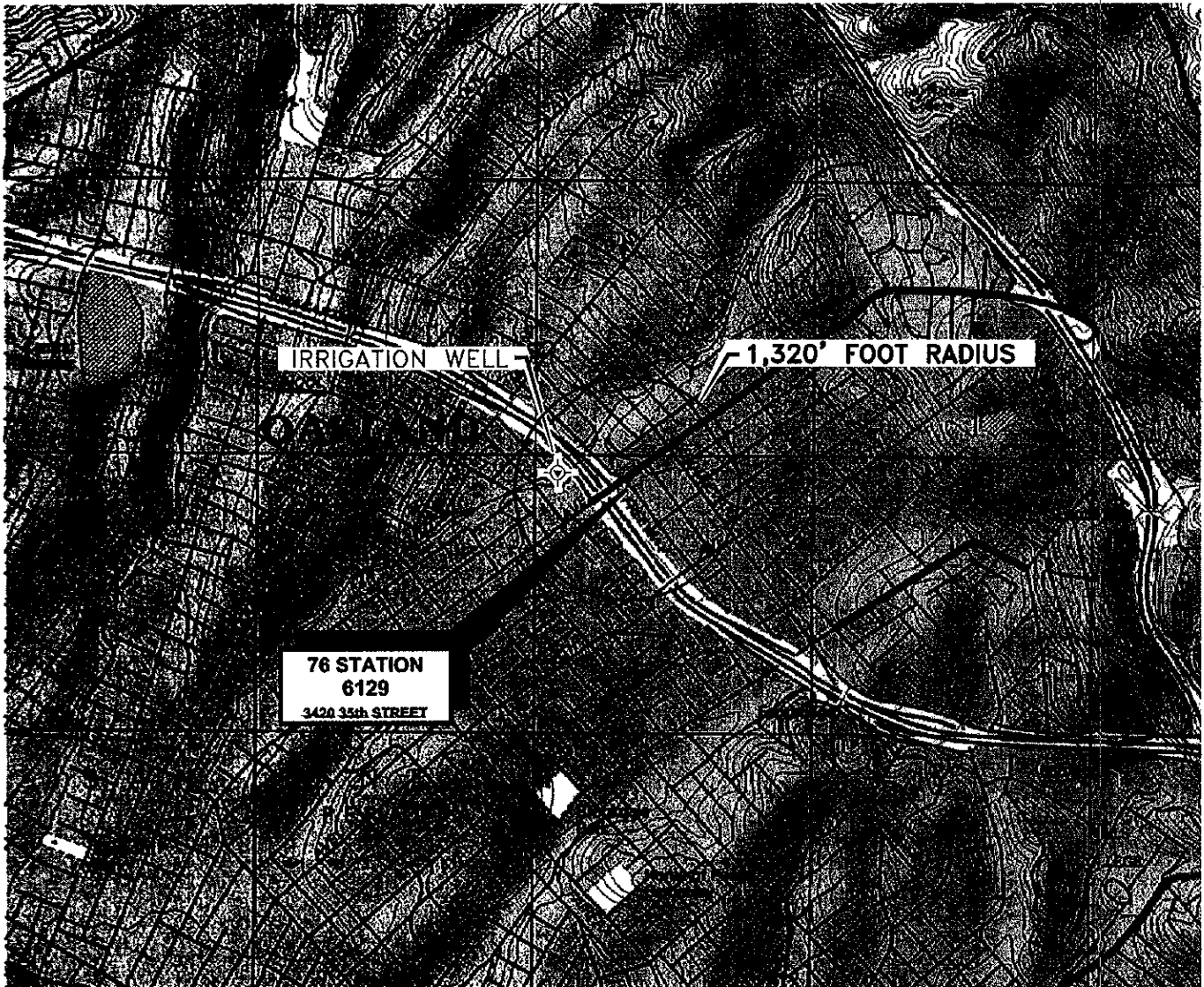


Attachments: Table 1 – Well Details
 Figure 1 – Vicinity Map
 Figure 2 – Site Plan

cc: Mr. Thomas Kosel – ConocoPhillips (electronic copy)

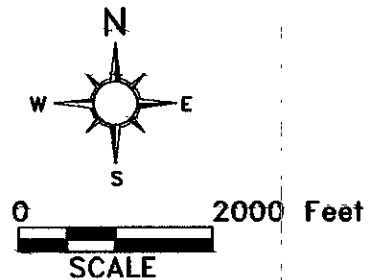
Table 1
Well Search Results
76 Station 6129
3420 35th Avenue, Oakland, CA

<u>Address</u>	<u>Owner</u>	<u>Update</u>	<u>City</u>	<u>Drilldate</u>	<u>Elevation</u>	<u>Totaldepth</u>	<u>Waterdepth</u>	<u>Diameter</u>	<u>Use</u>
3397 ARKANSAS ST	ARTHUR SMITH	7/30/1984	Oakland	8/77	unknown	62	18	6	Irrigation



FROM: U.S. GEOLOGICAL SURVEY, 1981
 QUADRANGLE: OAKLAND EAST
 COUNTY: ALAMEDA
 SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE



720 SOUTHPOINT BOULEVARD, SUITE 207
 PETALUMA, CA. 94954
 (707) 765-0466

PROJECT NO. 06-459-6129-03

DRAWN BY:
AIL
 DATE:
11/19/03
 REVISED BY:
PEL
 REVISED:
02/09/05
 APPROVED BY:
JAD
 DATE:
02/09/05

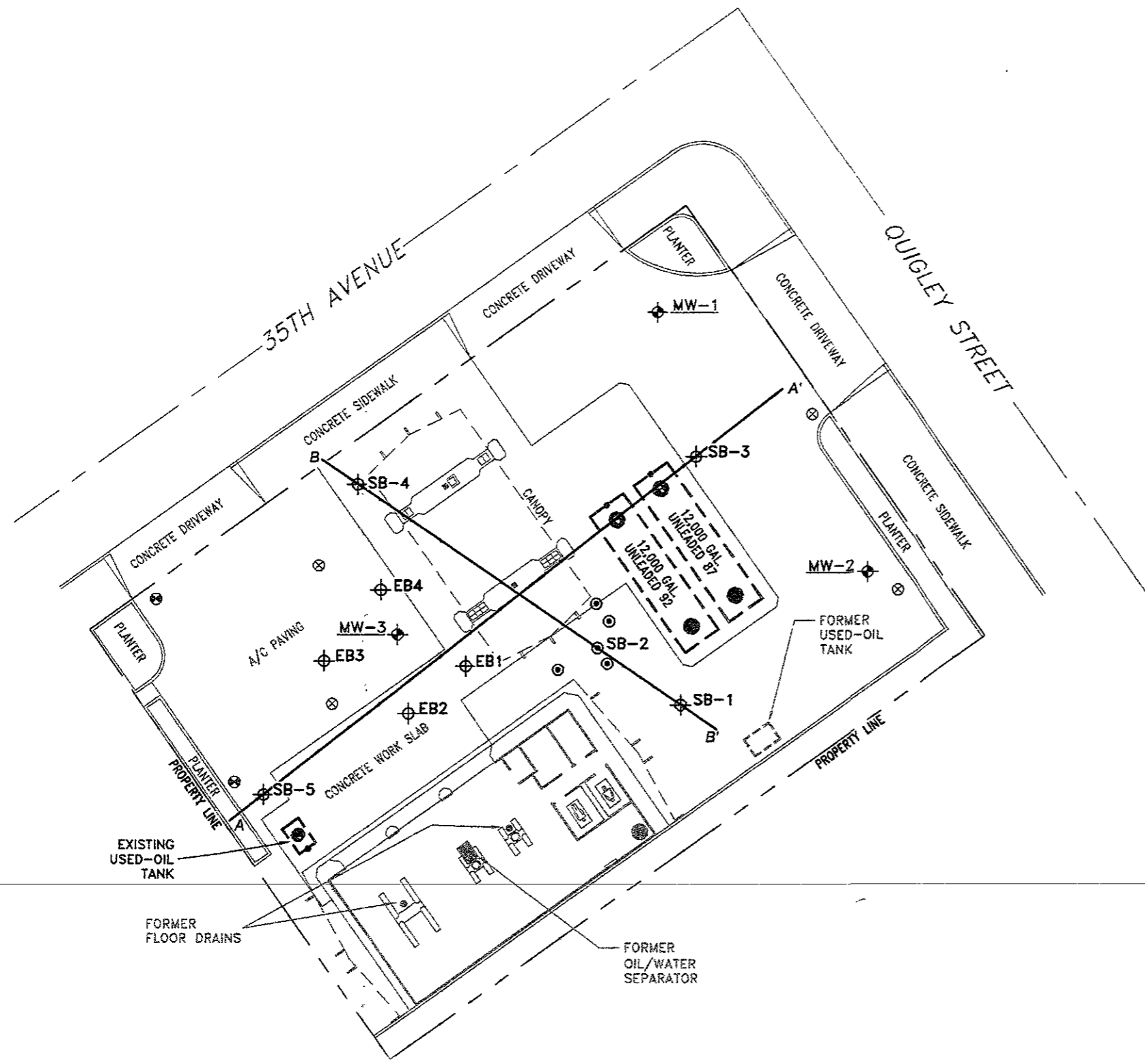
SITE LOCATION MAP

76 STATION 6129
 3420 35TH STREET
 OAKLAND, CA.

FIGURE

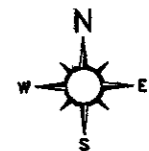
1

FILE: K:\DWGS\C-P\NO. 6129 (3420 35TH STREET)\VICINITY MAP
 DATE PLOTTED: 02/08/05



LEGEND

- MW-3 ⊕ GROUNDWATER MONITORING WELL
- SB-5 ⊕ SOIL BORING LOCATIONS
- SB-2 ⊕ ATTEMPTED SOIL BORING
- ⊕ PROPOSED GROUNDWATER MONITORING WELL LOCATION
- ⊗ PROPOSED SOIL BORING LOCATION
- GASOLINE UNDERGROUND STORAGE TANK
- DISPENSER ISLAND
- H HOIST



720 SOUTHPPOINT BLVD., SUITE 207 PETALUMA, CA. 94954 (707) 765-0466	DRAWN BY: AIL	SITE PLAN	FIGURE 2
	DATE: 11/19/03		
	REVISD BY: SLS	76 STATION NO. 6129 3420 35TH AVENUE OAKLAND, CA.	
PROJECT NO. 06-459-6129-03	REVISD: 09/28/04 APPROVED BY: JAD	FILE: K:\DWGS\C-P\NO. 6129 (3420 35TH ST, OAKLAND)\SITE PLAN DATE PLOTTED: 09/28/04	