

ENVIRONMENTAL
PROTECTION
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Chevron

July 30, 1996

Ms. Juliet Shin
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron USA Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing - Northwest Region
Phone 510 842 9500

**Re: Former Chevron Service Station #9-0100
2428 Central Avenue, Alameda, California**

Dear Ms. Shin:

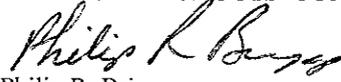
Enclosed is an Addendum to the Work Plan prepared by our consultant Gettler-Ryan Inc. and submitted originally under our cover letter dated July 10, 1996. This Addendum addresses comments and concerns raised by Ms. Juliet Shin in telephone conversation on July 19, 1996 with representative of Gettler-Ryan Inc.

The Addendum to Work Plan, dated July 29, 1996, addresses three issues:

1. Additional soil samples will be collected from the new monitoring wells and will be analyzed for bulk density, porosity, moisture content, and faction of organic carbon. This is in anticipation of a future Risk-Based Corrective Action study.
2. Field investigation of the sewer line in Central Avenue is anticipated to be initiated in the First Quarter of 1997. This is after two monitoring events with the new wells installed, and review of sewer construction maps. Groundwater flow direction, gradient, and fluctuation will be evaluated to determine the impact on the sewer line.
3. The new monitoring wells will stand a minimum of 72 hours before development. They will also stand an additional 24 hours after being developed prior to sampling.

All other conditions of the original Work Plan will apply. Chevron requests that this Addendum and the original Work Plan be approved, however if you have any questions or comments, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY


Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Ms. Juliet Shin
Former Chevron Service Station # 9-0100
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cc. Ms. Bette Owen, Chevron

Mr. Robert Stahl
Stahl-Woolridge Investment Properties
2428 Central Avenue, Alameda, CA 94501

Mr. Carl A. Pendelton
Vice President
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Assets Group #1415, Suite 740
50 California Street
San Francisco, CA 94137

Mr. Kent W. Peters
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333 S. Beaudry Avenue. 21st. Floor
Los Angeles, CA 90017



GETTLER-RYAN INC.

July 29, 1996

Mr. Phil Briggs
Chevron Products Company
P.O. Box 5004
San Ramon, California 94583

Subject: Addendum to *Work Plan for Limited Subsurface Investigation, Former Chevron Service Station #9-0100, 2428 Central Avenue, Alameda, California (dated June 25, 1996).*

Mr. Briggs:

At the request of Chevron Products Company, Gettler-Ryan Inc. (G-R) has prepared this Addendum to address comments and concerns regarding G-R's Work Plan No. 5178.02-1 (referenced above) raised by Ms. Juliet Chin of the Alameda County Health Care Services Agency. In a telephone conversation on July 19, 1996, the following issues were discussed: why additional samples were going to be collected; the possible influence of the sewer line on the dissolved product plume configuration; and the collection of groundwater samples after well development. We address these issues point-by-point below.

1. The proposed groundwater monitoring well borings will be drilled and soil samples for chemical analysis and lithologic description will be collected as described in the original Work Plan. In anticipation of a Risk-Based Corrective Action (RBCA) study being performed at this site in the future, additional soil samples will be collected from the well borings during this phase of the investigation to gather data necessary for a possible RBCA study. Selected RBCA samples will be analysed for bulk density, porosity, moisture content, and fraction of organic carbon (Watley-Black Method).
2. We propose to install the three offsite wells during the third quarter 1996 to evaluate the dissolved hydrocarbon plume. To assess the possible impact of the sewer line on the dissolved hydrocarbon plume, G-R will attempt to obtain sewer system maps and as-built construction details from the City of Alameda, and will begin the encroachment permitting process in anticipation of performing an investigation near the sewer line. While this process is underway, G-R will review quarterly monitoring data from the existing and newly installed groundwater monitoring wells for at least two quarters to evaluate groundwater flow direction, gradient, and fluctuations. Field investigation of the sewer line is anticipated to be initiated in the first quarter 1997.

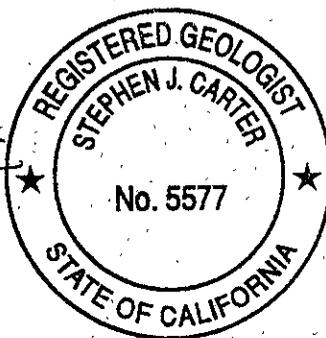
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3. As stated in the original Work Plan, the newly installed groundwater monitoring wells will be allowed to stand a minimum of 72 hours prior to being developed. In addition, the newly installed wells will be allowed to stand a minimum of an additional 24 hours after being developed before groundwater samples are collected. Prior to sample collection, three casing volumes (minimum) will be purged from the wells in accordance with G-R's Standard Operating Procedures.

It is our understanding that the upon submittal of this Addendum, Alameda County will approve the Work Plan. If you have questions, please call us in Rancho Cordova at (916) 631-1300.

Sincerely,
Gettler-Ryan Inc.

Stephen J. Carter
Stephen J. Carter
Senior Geologist
R.G. 5577



G. A. Gurs
Greg A. Gurs
Project Manager