ConocoPhillips
76 Broadway
Sacramento, California 95818

March 16, 2009

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

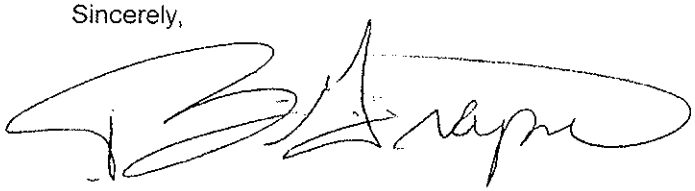
Re: ***Work Plan for Additional Delineation and Update of RBCA Analysis***
76 Service Station # 3135 RO # 0408
6535 San Leandro Street
Oakland, CA

Dear Ms. Jakub:

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,



Terry L. Grayson
Site Manager
Risk Management & Remediation

MS. BARBARA JAKUB
Hazardous Materials Specialist
Alameda County Health Care Services (ACHCS)
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

WORK PLAN FOR ADDITIONAL DELINEATION OF SOIL CONTAMINATION AND UPDATE OF RBCA ANALYSIS

DELTA

76 SERVICE STATION NO. 3135
6535 SAN LEANDRO ST
OAKLAND, CALIFORNIA
AOC# 01156
RO# 0000408

DELTA PROJECT C105325
March 16, 2009

Prepared for:

ConocoPhilips Company
76 Broadway
Sacramento, CA 95818

Prepared by:

Delta Consultants

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

TABLE OF CONTENTS

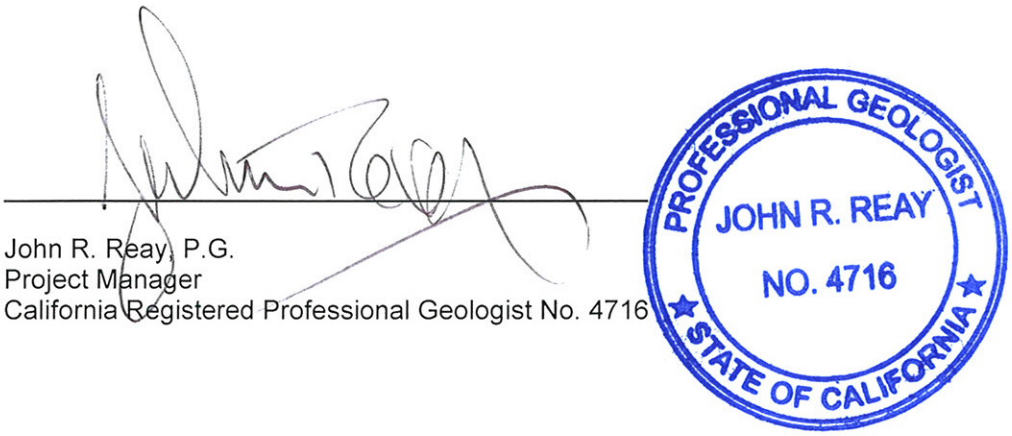
FIGURES

ATTACHMENTS

CERTIFICATION

This report was prepared under the supervision and direction of the undersigned California Professional Geologist.

Delta Consultants



John R. Reay, P.G.
Project Manager
California Registered Professional Geologist No. 4716

1.0 DECLARATION

On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants has prepared this *Work Plan for Additional Delineation of Soil Contamination* for the above referenced site. This work plan includes a description of the site background, remediation status, site conditions, and presents a scope of work to investigate migration of petroleum hydrocarbons in the groundwater at the site.

2.0 PROJECT OBJECTIVES AND SCOPE OF WORK

The objective of this work is to obtain a single soil sample from above the water table in the vicinity of MW-10 in order to better delineate soil contamination near this monitoring well and to update previously conducted RBCA analysis.

3.0 SITE DESCRIPTION AND SITE BACKGROUND

3.1. SITE DESCRIPTION

The subject site is an active service station located on the northwest corner of San Leandro Street and 66th Avenue in Oakland, California. Station facilities currently include two gasoline underground storage tanks (USTs), a 550-gallon waste oil UST, three dispenser islands under canopies, and a service station building. The product dispensers utilize a balanced vapor recovery system.

Historical data indicate that the site has been a service station sine 1947. Renovation of the site first occurred in 1967, when the size of the site expanded to its current configuration.

3.2. SITE BACKGROUND

1989: Two 10,000- gallon gasoline USTs, one 280-gallon wast oil UST and product piping were removed from the site. Confirmation soil samples collected from the UST pit indicated low residual maximum concentrations of Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene, and Total Oil and Grease (TOG). After confirmation soil sampling, approximately 5,000 gallons of groundwater were removed from the UST pit and disposed offsite. A groundwater sample was collected and analyzed after recharge of the UST pit and contained TPH-g at 7,900 parts per billion (ppb) and benzene ate 850 ppb. Confirmation soil samples collected from the product piping trench indicated low maximum residual concentrations of TPH-g and benzene.

April 1990: Two shallow soil borings were advanced and three groundwater monitoring wells were installed to depths of approximately 22 feet below ground surface (bgs).

August 1990: Three groundwater-monitoring wells (MW-4 through MW-6) were installed.

January 1991: A hydropunch survey was performed at the site.

March 1991: The pre-1967 UST pit was over-excavated, and two concrete slabs were removed from depths of approximately 8.5 and 10 feet bgs. Approximately 2,000 cubic yards of impacted soil was removed from the site and properly disposed. Over-excavation was limited by existing product piping. Confirmation soil samples from the former UST pit indicated low to moderate residual concentrations of TPH-g. Approximately 20,000 gallons of groundwater were pumped from the former UST pit prior to backfilling and properly disposed.

September 1992: Three offsite groundwater monitoring wells were installed in the streets.

April 1993: One groundwater monitoring well was installed at the site.

August 1998: Oxygen Releasing Compound (ORC) was installed in monitoring well MW-6 to assist with biological attenuation of hydrocarbon compounds. Starting in 1999, the following bioattentuation parameters have been measured at the site: nitrate, sulfate, ferrous iron, dissolved oxygen, and, oxidation-reduction potential. According to Gettler-Ryan, Inc.'s (GR) Annual Monitoring and Sampling Report dated April 19, 2001, review of these parameters indicates that bioattenuation is occurring at the site.

July 2001: One offsite well boring was installed to a depth of 20 feet bgs.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

4.0 SENSITIVE RECEPTORS

February 27, 2006: TRC completed a sensitive receptor survey for the site. According to the California Department of Water Resources (DWR) records, no water supply wells were located within a one-half mile distance of the Site. Surface water bodies within 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.

5.0 SITE ASSESSMENT ACTIVITIES

5.1. REMEDIATION STATUS

There is currently no remediation system employed at this site.

5.2. MONITORING STATUS

TRC Performs Quarterly Monitoring at this site.

6.0 PROPOSED SCOPE OF WORK

Hand auger to collect one soil sample via slide hammer from approximately 1 foot above the historical high groundwater level in the immediate vicinity of MW-10. Based on historical groundwater elevations measured from TOC in MW-10, ranging from 8.74 ft to 3.76 ft, the sample interval is anticipated to be 3.0 to 3.5 ft bg. The soil sample will be collected by driving a 2"x6" pre-cleaned brass or stainless steel cylinder into the proposed sample interval with a slide hammer. The sample cylinder will be retrieved, capped with Teflon end-caps, sealed with duct tape, and processed for delivery under chain-of-custody to the laboratory for analysis.

6.1. PRE-FIELD ACTIVITIES

Prior to commencing sampling activities, permits will be acquired from all appropriate agencies, which includes but may not limited to encroachment and obstruction permits from the City of Oakland. Underground Service Alert (USA) will be notified at least two days prior to field activities to mark underground utilities within a ten foot radius if the proposed boring location. A Traffic Control plan will be prepared and submitted. Because the soil sample will be collected at a depth less than five feet bg, utility clearance via air knife is not applicable. COP has authorized collection of this sample by advancing the boring via hand auger and collection of the sample via slide hammer (Letter of Authority Attached).

A site and job specific health and safety plan that promotes personnel safety and preparedness during the planned activities will be prepared. On the morning of the day that the field activities are to commence, a "tailgate" meeting will be conducted with all exclusion zone workers to discuss the health and safety issues and concerns related to the specific work.

6.2. WASTE DISPOSAL

Soil cuttings and water generated during site assessment activities will be stored onsite in Department of Transportation (DOT)-approved 55-gallon drums pending disposal at a COP approved disposal/recycling facility. Waste manifests will be prepared for proper transport and disposal of the waste.

6.3. SITE ASSESSMENT REPORT

Delta will prepare a report detailing the findings and analytical results of the soil sampling obtained through this scope of work.

The Site Assessment Report will be submitted to the ACHCS within six weeks of the completion of the field activities.

8.0 REMARKS

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report will be performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have questions regarding this work plan or require additional information, please call John Reay at (916) 503-1260.

Sincerely,

Delta Consultants

FIGURES

North

0 900 1800 FT

SCALE

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, SAN LEANDRO & OAKLAND EAST QUADRANGLES (1973)

FIGURE 1

SITE LOCATION MAP

76 STATION 3135
845 66TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C103135	DRAWN BY JH 02/25/09
FILE NO. 3135-SiteLocator	PREPARED BY AB
REVISION NO.	REVIEWED BY JR

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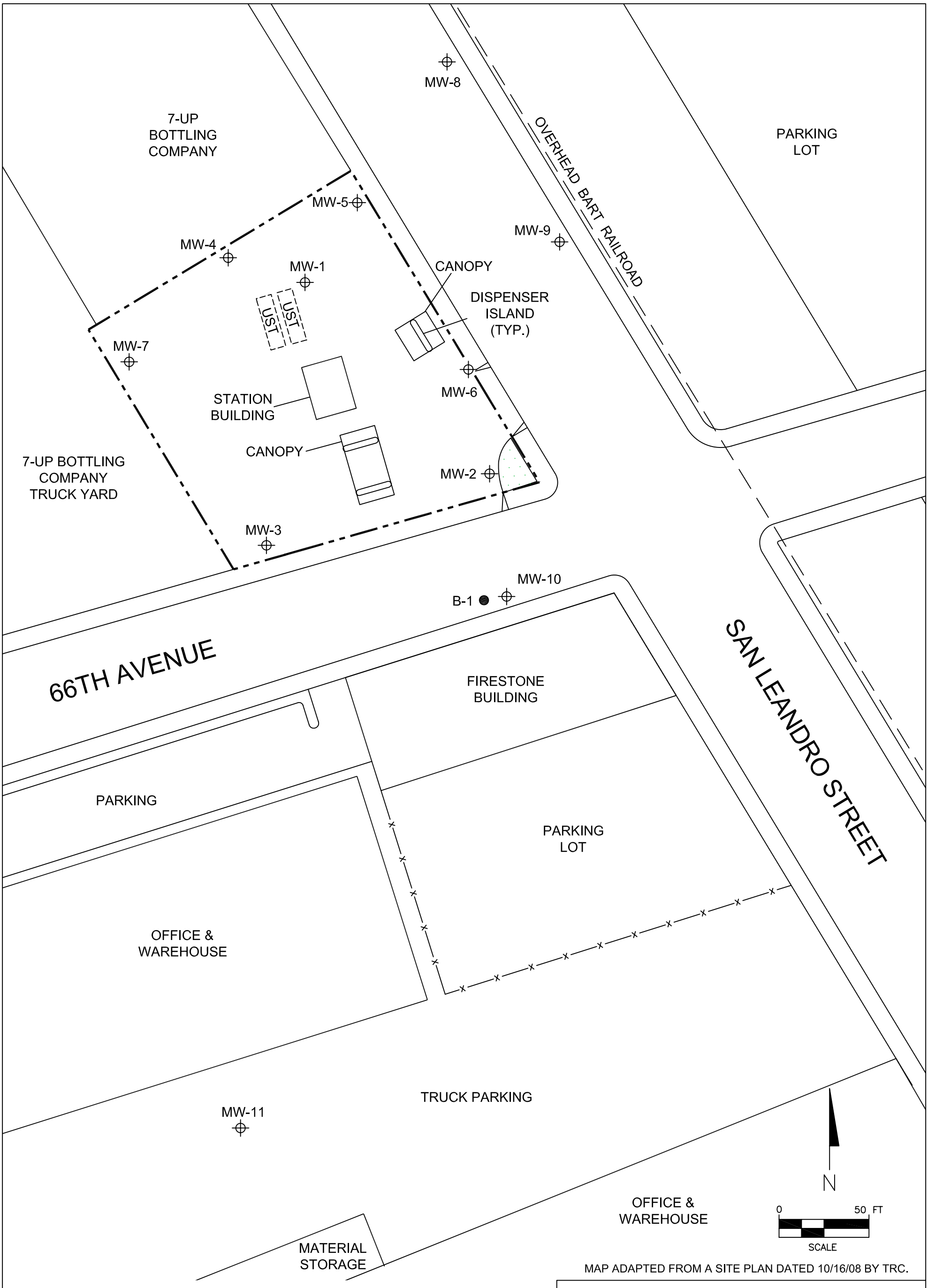

MAP ADAPTED FROM A SITE PLAN DATED 10/16/08 BY TRC.

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-11 MONITORING WELL
- B-1 PROPOSED BORING LOCATION

FIGURE 2
SITE PLAN

76 STATION 3135
845 66TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C103135	AB	JH
DATE	REVIEWED BY	FILE NAME
02/25/09	JR	C103135

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ATTACHMENT 1

Alan Buehler

From: Grayson, Terry L (DXT Services) [Terry.L.Grayson@contractor.conocophillips.com]
Sent: Friday, February 27, 2009 9:42 AM
To: John Reay
Subject: RE: 3135 Request for Hand Auger vs Air Knife

Hi John,

This will serve as my approval given the sample collection need of only 3 feet bg anticipated at site 3135 (6535 San Leandro St) in Oakland CA to hand auger and slide hammer vs. the standard air knife required.

Thank you,

Terry L. Grayson

From: John Reay [mailto:JReay@deltaenv.com]
Sent: Wednesday, February 25, 2009 11:44 AM
To: Grayson, Terry L (DXT Services)
Subject: 3135

Terry:

Can I get a letter from you authorizing NOT using air knive, and instead collecting this one soil sample with hand auger and slide hammer (which are also intrinsically safe)? This is because we have to collect a sample from only 3 feet bg and air knive would blast any contam out of the sample interval.

Thanks!!

John R. Reay, P.G.
Senior Project Manager
Delta Consultants
11050 White Rock Road
Rancho Cordova, CA. 95670
916-503-1260
www.deltaenv.com

Member of Inogen
www.inogenet.com