A Division of Paul H. King, Inc. .... . ......
4020 Panama Court
Oakland, CA 94611 V RR UIBAEPIT AL PROTECTION

February 7, 2000
OOFEB-8 PM 2: 24ork P1an 0221 .w2
Mr. Scott Seery
Alameda County Department of Environmental Health
1131. Harbor Paxkway

Alameda, CA 94502
$\begin{array}{ll}\text { SUBJECT: } & \text { SUBSURFACE TNVESTIGATION WORK PLAN } \\ & \text { Lands of Chiu and Chang } \\ & 2497 \text { and } 2507 \text { Grove Way } \\ & \text { Castro Valley, California }\end{array}$
Dear Mr. Seery:
P\&D Environmental, a division of paul H. King, Inc. (P\&D), is pleased to present this work plan for the drilling of two soil borings and the collection of one soil and one groundwater sample from each boring at the subject site. The two soil and groundwater samples will be collected to further determine the extent of petroleum hydrocarbons in soil and groundwater in the vicinity of the former UST system at the subject site. A Site Plan showing the proposed boring locations is attached as Figure 1.

All work will be performed under the direct supervision of an appropriately registered professional. This work plan is prepared in accordance with guidelines set forth in the document "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" dated August 10, 1990 and "Appendix A - Workplan for Initial Subsurface Investigation" dated August 20, 1991.

## CURRENT SUBSURFACE INVESTIGATION STATUS

On December 9 and 10, 1999 P\&D personnel collected soil and groundwater samples from 12 soil borings at the subject site. The work was performed in accordance with p\&D's Work Plan 0221. W1 dated November 18, 1999. The soil and groundwater sample results showed that elevated concentrations of petroleum hydrocarbons were detected only in borehole B6, located to the southeast of the former fuel system dispenser.

Based upon review of the sample concentrations in borehole B6 by Alameda County Department of Environmental Health (ACDEH) and San Francisco Bay Regional. Water Quality Control Board personnel, benzene concentrations warrant either remediation or a deed notification for the property. However', prior to implementation of remediation or a deed notification, it is necessary to demonstrate that the extent of contamination is limited to the immediate vicinity of borehole B6. Based upon our recent conversations, P\&D recommends drilling twó soil borings to the southeast of borehole $B 6$.

The results of this additional investigation will be submitted with the report documenting the initial 12 borings. The proposed boring locations are shown on Figure 1.

## SCOPE OF WORK

In order to collect soil and groundwater samples, $P \& D$ will perform the following tasks:

- Regulatory agency coordination, including permitting for drilling of two soil borings.
- Health and safety plan preparation.
o Client and contractor (driller and laboratory) coordination.
- Soil boring oversight.
o Collection of one soil sample and one groundwater sample from each borehole.
- Arrange for sample analysis.
- Report preparation documenting collection of soil and groundwater samples and the laboratory analytical results.

P\&D proposes to perform these tasks in accordance with Work Plan 0221.W1, dated November 18, 1999 which set forth procedures for the subsurface investigation performed on December 9 and 10,1999 at the subject site.

Should you have any questions, please do not hesitate to contact us at


Sincerely,
P\&D Environmental


Hydrogeologist


Don R. Braun Certified Engineering Geologist Registration No. : 1310 Expiration Date: 6/30/00

Attachments:
Site Plan (Figure 1)

PHK/gmb
0221.W2


Base Map From:
Center Line Land Surveyors
Livermore, California
August, 1999 Land Title Survey

Figure 1

## SITE PLAN

Lands of Chiu and Chang 2497-2507 Grove Way Castro Valley, California

P\& D Environmental
A Diviston of PauI H. KIng, Inc.
4020 Panama Court
Oakland, CA 94611
(510) 658-6916

FAX TRANSMITTAL
COVER SHEET
Date: $\frac{7 / 7 / \infty}{8}$ $\qquad$
To: $\qquad$ Sem deay
Company: A.TEH
From: Erey Srown P\&D ENVIRONNENTAL
Number of pages in this transmittal, including this cover sheet: $\qquad$ 3

MESSAGE: Scotr -
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If transmittal is incomplete, please cal1 (510) 658-6916.
P\&D Environmental fax number: (510) 658-9074.

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\text { DESTINATION FAX NUMBER: } 510 / 337-9335
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# P \& D Environmental 

A Division of Paul H. King, Inc. 4020 Padama Court
Oakland, CA 94611
(510) 658-6916

Februaxy 7, 2000
Work Plan 0221 .W2

Wr. Scott Saery
Alemeda County Depgintment of Envirommental Health
1131 Haxbor Parkway
Miameda, CA 94502
SUBJRCT: SUBSURFACE IFVFBTICATION WORR PLARN
Lands of Chit and Chang 2497 and 2507 Grove Way Castro Valley, California

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## SCOPR OE HORK

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Attachments: Site Elan (Figure 1)

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P \& D ENVIRONMENTAL
A Division of Paul H. KIng, Inc.
4020 Panama Court

(510) 658-6916

FAX TRANSMITTAL.
COVER SHEET
Date: $\frac{2 / 7 / \infty}{5}$
Job \#: O221
To: $\qquad$ Scott Sorry
Company: ACTEA
From: Gey Brown PED ENVIRONMENTAL

Number of pages in this transmittal, including this cover sheet:


MESSAGE: $\frac{\text { Scott - }}{\text { Rifest Find The Focwawing ATHAC } 4 E D:}$

- O221. wT., Work Pow for fwember subsurface muestiontion

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If transmittal is incomplete, please call (510) 658-6916.
P\&D Environmental fax number: (510) 658-9074.


FAX04. 94

# P \& D Environmental 

A Diviston of Panl H. King, Ine.
4020 Panama Court
Oakland, CA.94611
(510) 658-6916

February 7, 2000 Work Plan 0221. W2

Mr. gcott Saexy
Alameda County Dopartment of Enviconmental Health
1131 Haxbor paxkway
Alamada, CA 94502
SUEGECT: SUESURRACE INVESTIGATION WORR PLARS
Lands of Chiu and Chang
2497 and 2507 Grove May
Castro Valley, Cmiffornia
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Attachmente: Sita Plan (Figure 1)

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0221.W2

## P\& D Environmental <br> A. Division of Paul H. King; Inc. <br> 4020 Panama Court <br> Oakland, CA 94611 <br> (510) 658-6916



Basie Map From:
Centax hine Land Surveyors Livermoxe, California August, 1999 Land Tiele Survey


Figuxe 1
SITE PLAN
North


Lande of Chitz and Chang 2497-2507 Grove Way Castro Valley, California

