

P & D ENVIRONMENTAL

A Division of Paul H. King, Inc.

4020 Panama Court

Oakland, CA 94611

(510) 658-6916

Closed

May 4, 2001

Work Plan 0248.W1

RO34C

Mr. Barney Chan
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502

SUBJECT: SUBSURFACE INVESTIGATION WORK PLAN
United Beverage Distributors
105 Jackson Street
Oakland, CA 94607

MAY 09 2001

Dear Mr. Chan:

P&D Environmental, a Division of Paul H. King, Inc. (P&D), has been retained by United Beverage, Inc. to collect one groundwater grab sample to evaluate the presence of MTBE and total lead in groundwater at the subject site. This work will be performed in accordance with a letter dated March 5, 2001 from Mr. Barney Chan at the Alameda County Department of Environmental Health.

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.

SCOPE OF WORK

To evaluate the presence of MTBE and total lead in groundwater at the subject site, P&D will perform the following tasks:

- o Permitting for drilling of one soil boring, including an encroachment permit from the City for drilling in the public right-of-way.
- o Mark the drilling location with white paint and notify Underground Service Alert for underground utility location.
- o Health and safety plan preparation.
- o Client, regulatory agency and contractor coordination.
- o Soil boring oversight. One borehole will be drilled in the center of the former tank pit (see attached map by Tank Protect Engineering). The borehole will be drilled using a 3.5-inch outside diameter hand auger. The borehole will be hand augered to a depth of approximately two feet below first encountered groundwater. It is P&D's understanding that the depth to groundwater at the site is approximately three feet.
- o Collection of one groundwater sample from the borehole for laboratory analysis. The sample will be collected with a Teflon bailer. The bailer will be washed with an Alconox solution followed by a clean water rinse prior to use. The water sample will be transferred from the bailer to appropriate containers which will be labeled and stored in a cooler with ice pending delivery to a State-accredited hazardous waste testing laboratory. Chain of custody procedures will be observed for all sample handling.
- o Fill the borehole with neat cement and patch the sidewalk with concrete.
- o Arrange for sample analysis for TPH-Gas using EPA Method 5030 in conjunction with Modified EPA Method 8015, for BTEX and MTBE using EPA Method 8020 and for total lead using EPA Method 239.2. The total lead detection limit will be 5 parts per billion. In the event that MTBE is detected, confirmation analysis for MTBE will be performed using EPA Method 8260.

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- o Report preparation documenting collection of the groundwater sample and the laboratory analytical results. The report will contain a map showing the sample collection location, and the stamp of an appropriately registered professional.

Should you have any questions, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

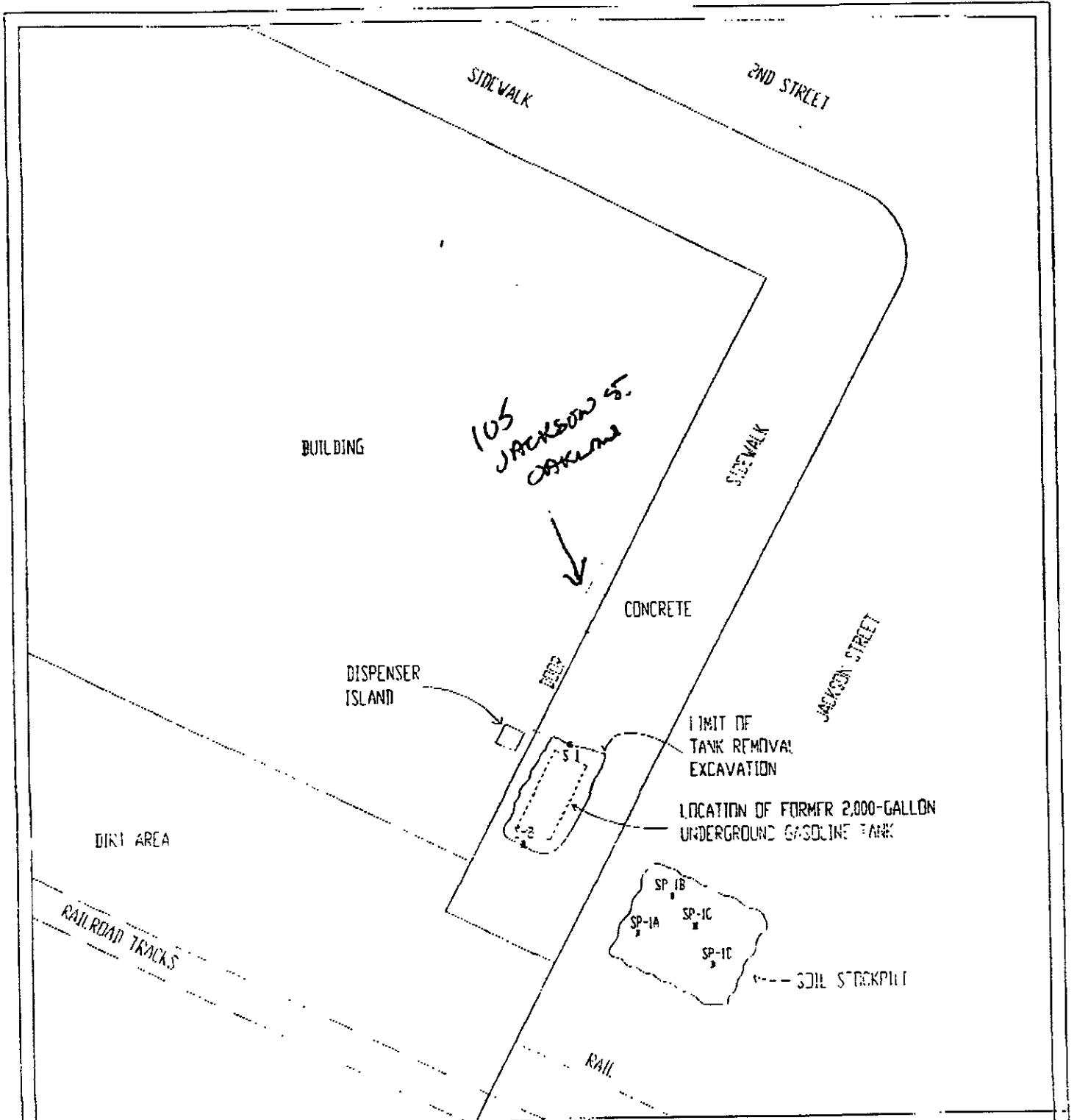
P&D Environmental



Paul H. King
California Registered Geologist
#5901, Expiration Date 12/31/01

cc: Mr. John Roveda, United Beverage, Inc.

PHK
0248.W1



LEGEND

S-1 NAME AND LOCATION OF EXCAVATION SOIL SAMPLE

* SP-1-A NAME AND LOCATION OF STOCKPILE SOIL SAMPLE

0 20
SCALE IN FEET

TANK PROJECT ENGINEERING

SITE PLAN

TANK REMOVAL (4/27/93)

UNITED BEVERAGE DISTRIBUTORS
105 JACKSON STREET
DUBLIN, CA 94568

DATE	5/5/93
FIGURE	1
FILE #	259A-2
DRAWN BY	MAC
CHECKED BY	M/