



TANK PROTECT ENGINEERING
of Northern California, Inc.

ENVIRONMENTAL
PROTECTION

97 FEB -7 AM 11:22

February 7, 1997

Messrs. Aaron and Stanley Wong
2200 E. 12th Street
Oakland, CA 94606

Re: Addendum to August 4, 1995 Workplan, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601

Dear Messrs. Wong:

Tank Protect Engineering of Northern California, Inc. (TPE) is pleased to present this addendum to TPE's August 4, 1995 WORKPLAN FOR GROUNDWATER INVESTIGATION, CREDIT WORLD AUTO SALES, 2345 E. 14TH STREET, OAKLAND, CA 94601. This addendum presents new borehole locations, soil boring procedures, and the number of soil and water samples to be analyzed. This addendum was requested by the client and the Underground Storage Tank Fund (State Fund).

Borehole Locations

The number of offsite borings and their locations has been changed. Attached Figure 1 shows the new locations of the proposed soil borings. The proposed soil borings have been located to investigate the horizontal extent of groundwater contamination, both upgradient and downgradient of the existing onsite wells. Soil borings SB-1 and SB-2 are proposed to investigate the extent of the hydrocarbon plume in the upgradient direction. Soil borings SB-3 through SB-5 are proposed to investigate the extent of the hydrocarbon plume in the downgradient direction.

Soil Boring and Sampling Procedures

The exploratory borings are proposed to be drilled to depth of about 30 feet by the Geoprobe method, a rapid site assessment technique, used by State of California licensed (C-57 Water Well Driller Contractor licensed 482390) Kvilhaug Well Drilling and Pump Inc. (KWD) located in Concord, California. The Geoprobe method uses a direct push technology in drilling of the boreholes. Soil samples are collected in a large bore discrete soil sampler in acetate tubes. The tubes can be cut at a desired interval and depth for sampling and the tube ends sealed with plastic caps for laboratory analysis. Water samples will be obtained by inserting a 3/4 inch PVC casing into the borehole and collecting a sample with a bailer. The boreholes will be sealed to ground surface with neat cement.

Detailed boring logs will be prepared from the continuous soil cores. The soil will be logged according to the Unified Soil Classification System under the direction of a California Registered Geologist or Professional Engineer.

Drill cuttings and rinsate will be stored on site in labeled, 5-gallon, DOT 17H pails and/or 55-gallon DOT 17H drums. The labels will show contents, date stored, suspected chemical contaminant, expected date of removal, company name, contact person, and telephone number.

Number of Soil and Water Samples to be Analyzed

The State Fund has allowed for ten soil and water samples to be collected for laboratory analysis. One soil and one water sample will be collected from each boring. Additional soil samples will be collected if soil contamination is detected in screening with the hydrocarbon vapor tester. If no apparent hydrocarbon contamination is present in any boring, a soil sample collected within 5 feet of groundwater will be collected for chemical analysis. Soil and water samples will be handled in accordance with our August 5, 1995 workplan.

An additional copy of this addendum has been included for your delivery to:

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

TPE recommends that this addendum be submitted with a signed cover letter from Messrs. Aaron and Stanley Wong.

If you have any questions, please call TPE at (510) 429-8088.

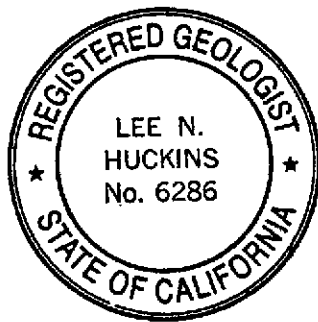
Sincerely,



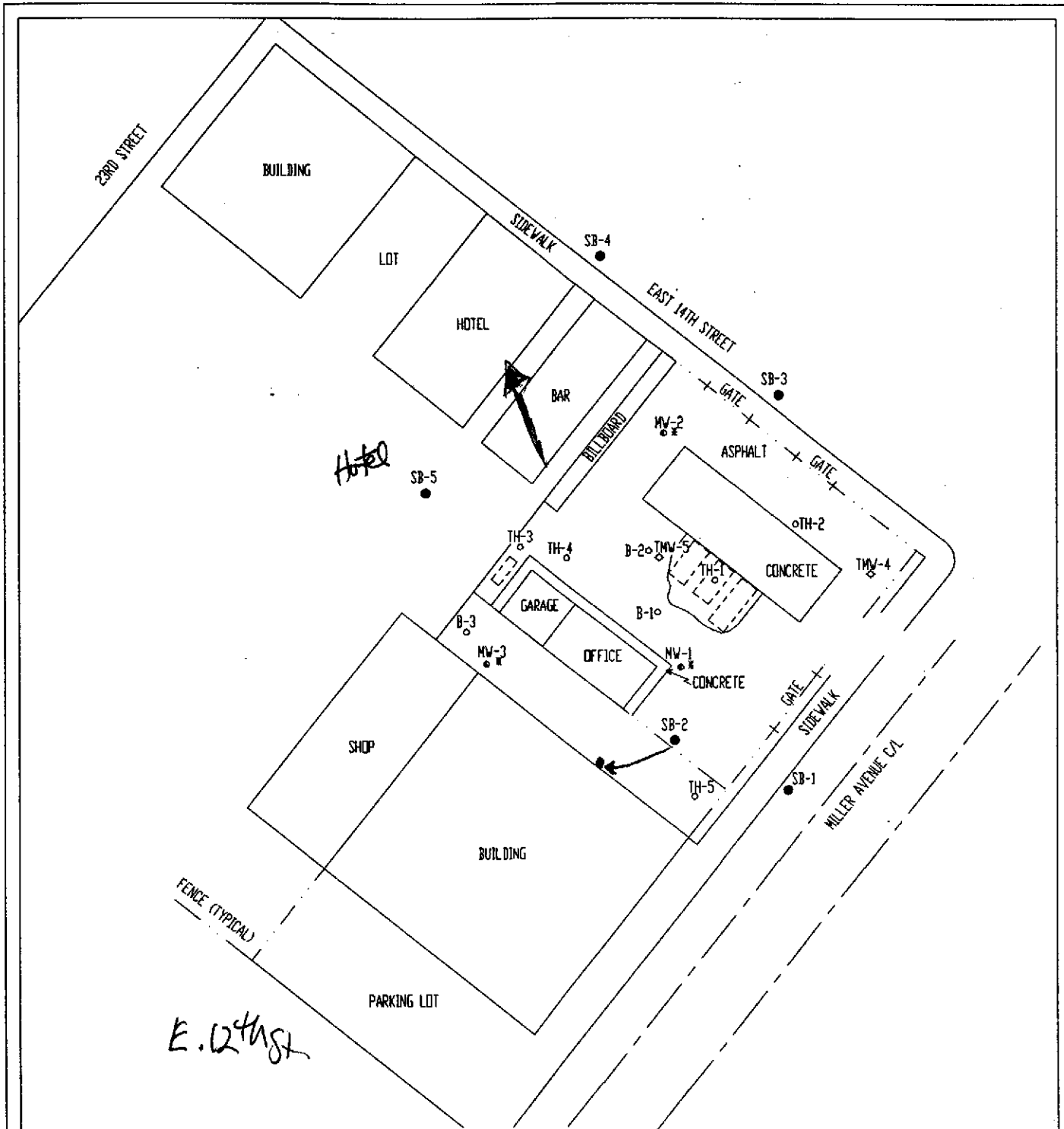
Lee Huckins
Registered Geologist



Jeff Farhoomand, M.S.
Principal Engineer

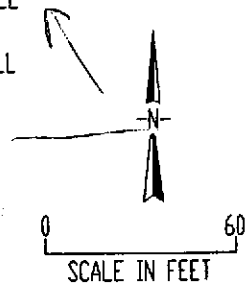


Expiration Date 5/31/97



LEGEND

- TMW-4 NAME AND LOCATION OF MONITORING WELL INSTALLED BY TPE
- MW-1 NAME AND LOCATION OF MONITORING WELL INSTALLED BY OTHERS
- B-1 NAME AND APPROXIMATE LOCATION OF SOIL BORING DRILLED BY OTHERS
- SB-1 LOCATION OF PROPOSED SOIL BORING
- LOCATION OF FORMER UNDERGROUND STORAGE TANK



TANK PROTECT ENGINEERING

SITE PLAN:
LOCATION OF PROPOSED SOIL BORINGS

CREDIT WORLD AUTO SALES
2345 E. 14TH STREET
OAKLAND, CA 94601

DATE	2/4/95
FIGURE	1
FILE #	267-24-1N
DRAWN BY	VK
CHECKED BY	LNH