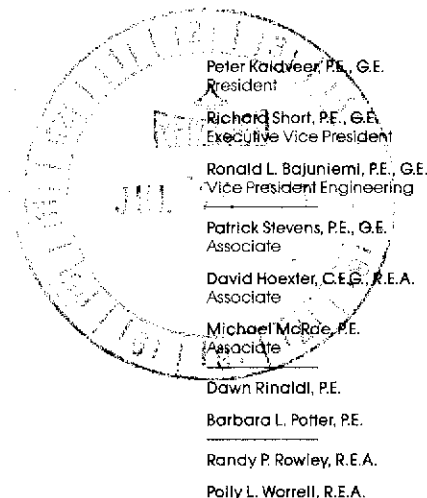




**Kaldveer Associates
Geoscience Consultants**

July 14, 1989
KE1025-3A, 14209



Mills College
5000 MacArthur Boulevard
Oakland, California 94613-1399

Attention: Mr. John North

RE: WORK PLAN FOR SOIL
EXCAVATION AND TANK AREA
BACKFILLING
MILLS KITCHEN TANK
OAKLAND, CALIFORNIA

Dear Mr. North:

In accordance with your request, we are pleased to submit this work plan for additional soil excavation and backfilling of the tank excavation cavity at the former Mills Kitchen tank area, at Mills College in Oakland, California. The following work plan is based on the results of our investigations conducted to-date and our July 13, 1989 meeting with Mr. Larry Seto of the Alameda County Department of Environmental Health.

BACKGROUND

It is understood that a small capacity underground storage tank has been removed from the former Mills Kitchen building area. Closure samples collected at the time of tank removal indicated the presence of up to 6,300 parts per million (ppm) total hydrocarbons as diesel fuel in the shallow soil beneath the tank. At this time, approximately 100 cubic yards of contaminated soil have been removed from the site by a licensed waste hauler. A subsequent investigation of soil quality indicates that hydrocarbon contamination has migrated along the ground water surface for a distance of at least 60 feet from the former tank location. However, the full lateral and vertical extent of hydrocarbon contamination within the shallow soils at the site has not been determined. The purpose of the present proposed work plan is to remove readily accessible contaminated soils from the former tank location, and allow backfilling of the open excavation, while performing a broader investigation of the full extent of hydrocarbon contamination at the site.

PROPOSED WORK PLAN

The following work plan is proposed at this time:

425 Roland Way
Oakland, California 94621
(415) 568-4001
FAX: 415-568-2205

1. Additional excavation of contaminated soils immediately adjacent to the former tank location shall be conducted. This additional excavation will extend approximately 15 feet south and 10 feet east and west of the existing excavation. Contaminated soils in this area are present between the depths of approximately 9 to 15 feet below ground surface. We estimate that approximately 150 cubic yards of contaminated soil will be removed during this operation. Contaminated soils will be disposed of off-site by a licensed waste hauler. During the excavation, a minimum of four sidewall samples will be collected and analyzed to document remaining hydrocarbon contamination at the excavation limits.
2. The excavation will be backfilled with clean imported fill and the clean overburden material removed during the excavation operations.
3. An additional investigation of soil and ground water quality to evaluate the full lateral extent of hydrocarbon contamination at the site will be conducted. A remedial investigation report will be submitted following the investigation, outlining the extent of contamination at the site and an evaluation of remedial alternatives.

It is recommended that this work plan be submitted to Mr. Larry Seto of the Alameda County Department of Environmental Health for his early concurrence. We appreciate the opportunity to provide service to you on this project and trust this work plan meets your needs at this time. If you have any questions, or require additional information please do not hesitate to call.

Very truly yours,

KALDVEER ASSOCIATES, INC.

Dennis Laduzinsky
Dennis Laduzinsky
Senior Engineering Geologist

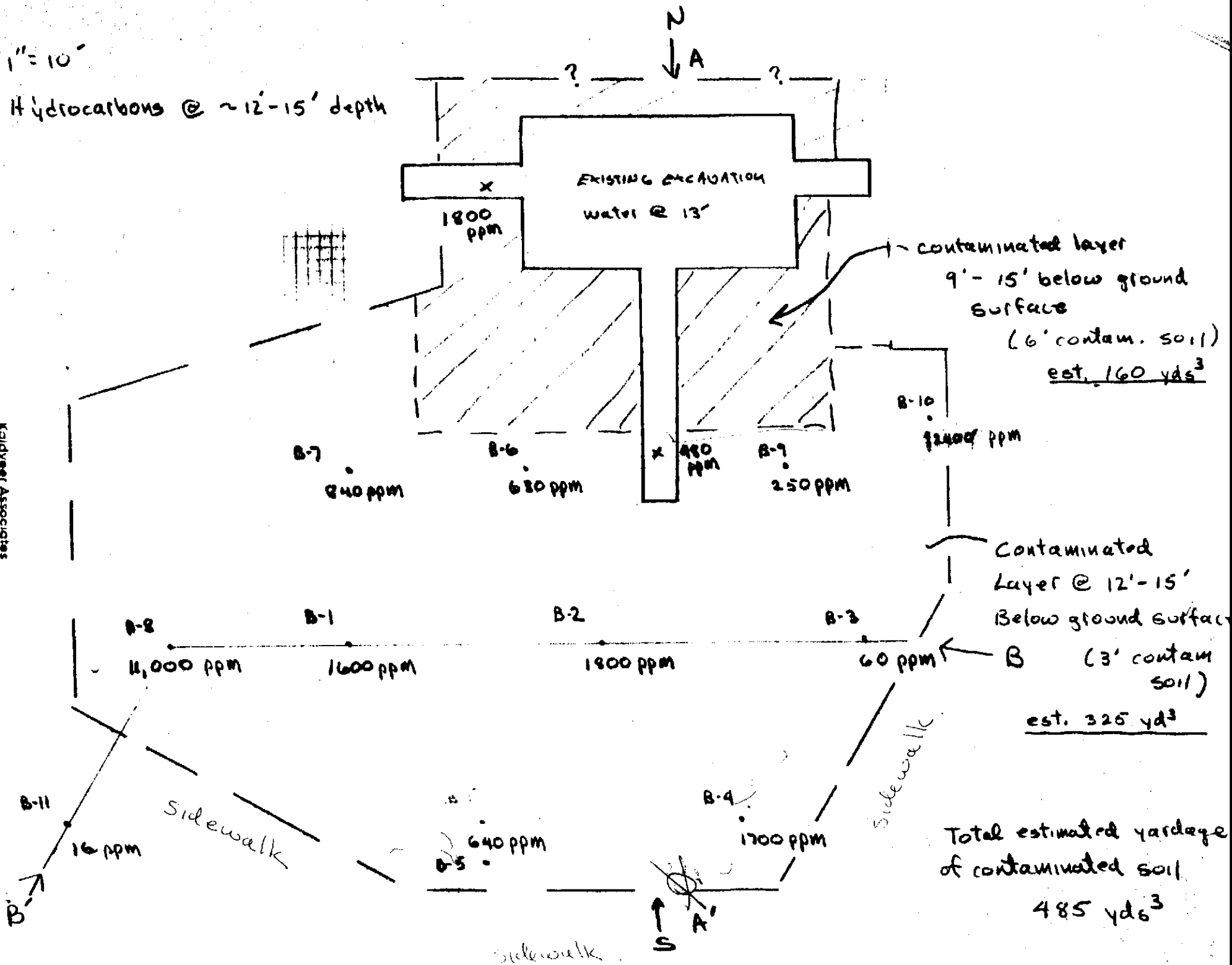
D. F. Hoexter
David F. Hoexter, C.E.G./R.E.A.
Manager, Environmental/Geological
Services
Associate

DL/DFH:pv
Copies: Addressee (1)

1" = 10'

If hydrocarbons @ ~12'-15' depth

KCIDIVER ASSOCIATES



Total estimated yardage of contaminated soil
485 yds³