

# ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

*Signature*  
Norman Foss  
534-413

ENVIRONMENTAL  
PROTECTION  
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November 7, 1996

Project No. 1488

Ms. Madhulla Logan

Alameda County Health Care Services Agency

Department of Environmental Health

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502

Re: 1353 E. 14th Street, Oakland, California

Dear Ms. Logan:

This letter is a proposed workplan for your review and approval for the soil and groundwater investigation to be performed at the above referenced site. All Environmental, Inc. (AEI) is providing environmental engineering consulting and construction services to Mr. Norman Foss, and is submitting this letter on his behalf.

### Site Description and Background

The subject property currently supports the operation of Style Center Cleaners, a dry cleaning facility. According to the present property owner, a dry cleaning facility has operated the property for the past twenty years.

The following workplan is in response to your August 26, 1996 correspondence for a subsurface investigation designed to determine whether or not the site is a potential source of solvent contamination in the soil and groundwater.

### Scope of Work

AEI proposes to advance five soil borings (BH-1, BH-2, BH-3, BH-4 and BH-5) to a depth of approximately 10 feet below ground surface (bgs) or until first groundwater, whichever is encountered first. Groundwater is expected at approximately 8 feet bgs. The soil borings will be advanced with a Geoprobe drilling rig south of the building in the locations shown on the attached site plan. Soil borings BH-1 and BH-2 will be drilled at a 30 degree angle to investigate potential soil contamination beneath the dry cleaning machine.

The soil borings will be logged on-site by a professional geologist using the Unified Soil Classification System. Undisturbed soil samples will be collected at 3 feet bgs and then at 5 foot intervals, starting at 5 feet bgs. The samples will be collected for visual classification and chemical analysis in 7/8-inch acrylic liners. One soil sample from each boring will be analyzed at a state certified laboratory. The soil samples selected for chemical testing will be determined by the geologist on-site at the time of sampling. Soil samples obtained during drilling will be screened in the field via sensory perceptions and portable organic vapor meter.

All soil samples will be secured using teflon tape and caps. All samples will be put on ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. of Pacheco, California. Soil samples will be analyzed for purgeable halocarbons (EPA method 8010).

A single groundwater sample will be collected from the three vertical soil borings (BH-3, BH-4, BH-5). The groundwater samples will be collected from the borings with a pre-cleaned stainless steel bailer.

Corporate Headquarters:

3364 Mt. Diablo Blvd.  
Lafayette, CA 94549  
Phone: (510) 283-6000

Los Angeles Office:

111 N. Sepulveda Blvd., #250  
Manhattan Beach, CA 90266  
Phone: (310) 328-8878


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Groundwater will be placed in voas and placed on ice for transport to McCampbell Analytical, Inc. The groundwater samples will be analyzed for purgeable halocarbons (EPA method 601).

Minimal cuttings are expected to be generated from the drilling. Any soil cuttings will be stored on-site in a 5 gallon covered bucket. On-site treatment or off-site disposal of contaminated drill cuttings is not a part of this work scope. It is likely that a licensed hauler will be contracted to transport the soils as non-hazardous waste, under appropriate manifests, to a local landfill facility.

AEI requests your approval to proceed with this project. AEI is eager to complete this work as soon as possible. Please let me know if you need additional information and please do not hesitate to call me at (510) 283-6000 if you have any questions.

Sincerely,  
ALL ENVIRONMENTAL, INC.

  
Jennifer Anderson  
Project Manager

cc: Mr. Norman Foss, Foss Lampshade Studios, Inc., 1340 E. 12th Street, Oakland, CA 94606

Attachment