



ALL ENVIRONMENTAL, INC.

901 Moraga Road, Suite C

Lafayette, CA 94549

(925) 283-6000

FAX: (925) 283-6121

FAX TRANSMITTAL SHEET

TO: LARRY SETO

FAX NUMBER: 337-9335

FROM: NICK WALCHUK

MESSAGE: Site plan for 924 Grand St, Alameda

Multiple horizontal lines for additional message content.

DATE: 8/27 TIME: 10a No. of Pages (Including cover page): 2





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TO: Larry Seto - ACHCSA

FAX NUMBER: (570) 337-9335

FROM: Nick Walchuk

MESSAGE: 924 Grand St., Alameda. Hard copy
to follow by mail.

Please issue ~~an~~ a letter approving the
overexcavation activities described.

Thank - Nick

DATE: 5/17 TIME: 4:30 No. of Pages (Including cover page): 4

12 p



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901 Moraga Road, Suite C
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FAX TRANSMITTAL SHEET

Date: 8/25/98

*Matt Anderson
924 Grand St.*

Time: 12p

To: **Larry Seto**
Alameda County Health Care Services Agency
Fax: (510) 337-9335

From: **Nick Walchuk**

Pages: 3

Subject:

924 Grand Street over-excavation. Letter signed/stamped by P.E.



August 17, 1998

98 AUG 19 AM 2:29

Mr. Larry Seto
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: UST Removal
924 Grand Street
Alameda, California

Dear Mr. Seto:

Per our phone conversation last Friday, background information on the tank removal at the above referenced property follows. A full report including tank disposal and lab documentation will be issued at a later date. In order to be reimbursed by the State UST Fund, the property owner would like ACHCSA direction and oversight for the remediation activities.

On July 24, 1998, one (1) 250-gallon home heating oil underground storage tank (UST) was removed from the site.

Fifty gallons of waste liquid were removed from the tank prior to removal. Dry ice was introduced into the tank until the Lower Explosive Limit (LEL) and oxygen content reached acceptable levels. Upon removal, the tank was observed to be badly deteriorated on the bottom, and soil staining and odor were noted.

A total of four (4) soil samples were collected from the tank removal activities. One sample, labeled EB1, was collected approximately 6 feet below ground surface (bgs) below the bottom of the tank. Three (3) discrete soil samples were collected from the stockpile, and were composited into a single sample (STKP 1-3) by the laboratory for analysis. Groundwater was not encountered during the removal activities.

All soil samples were collected in brass tubes which were driven into the soil until completely full, then sealed with Teflon tape and plastic caps. The secured sample tubes were immediately placed into a cooler with ice. Chain of Custody documentation was initiated. The cooler and samples were brought to McCampbell Analytical, Inc. (State Certification #1644) of Pacheco, California on July 24, 1998 for analysis.

The samples were analyzed for Total Petroleum Hydrocarbons as diesel (EPA 8015) and benzene, toluene, ethyl-benzene, and xylenes (BTEX) (EPA Method 602/8020). The analytical results are summarized in the following table:

TABLE I - Soil Sample Analyses

	E81	STKP-1-3
TPH-DIESEL (mg/kg)	7,500	430
BENZENE (mg/kg)	<0.02	<0.005
TOLUENE (mg/kg)	0.10	<0.005
ETHYL BENZENE (mg/kg)	<0.02	<0.005
TOTAL XYLENES (mg/kg)	0.91	<0.005

mg/kg = milligrams per kilogram (ppm)

Based on the sample analytical results, AEI proposes to excavate up to 27 tons of contaminated soil (original stockpile plus soil excavated from excavation bottom to a depth of 11.5-12 feet below ground surface). The excavation will be extended only in the vertical direction until groundwater is encountered. Groundwater is expected to be encountered at or shallower than 12 feet bgs. Lateral expansion is limited in all directions by underground utilities and the building on the property.

A confirmation soil sample will be collected from each sidewall of the excavation at the soil/groundwater interface, and one grab groundwater sample will be collected from the bottom of the excavation. The five samples will be analyzed for TPH-diesel and BTEX. Contaminated soil will be profiled, off-hauled and disposed off-site.

Although the former UST at this property is exempt from UST regulations, AEI requests on the behalf of the property owner that the ACHCSA direct and oversee the remediation activities described above. The owner is planning on reimbursement by the State UST Fund for the cleanup associated with the former tank.

Sincerely,

ALL ENVIRONMENTAL, INC.



Nick Walchuk
Project Geologist



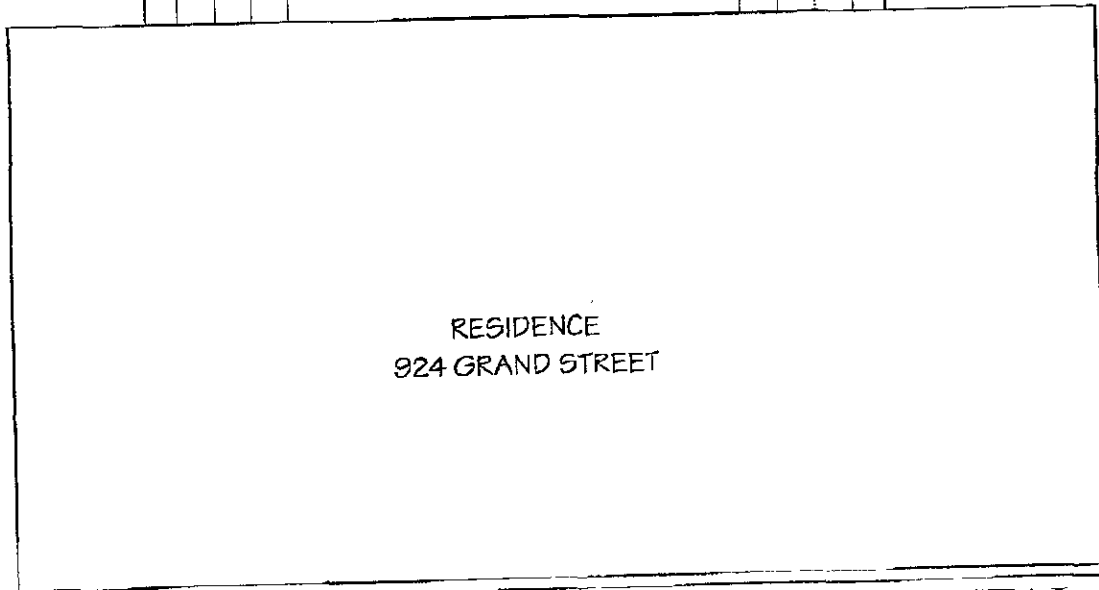
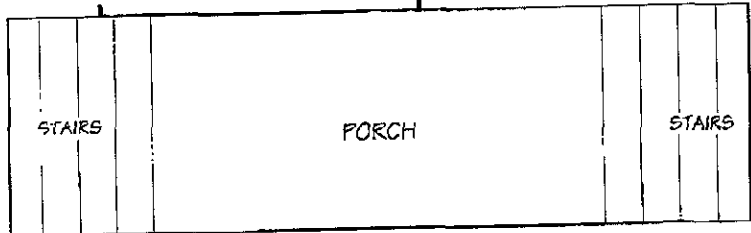
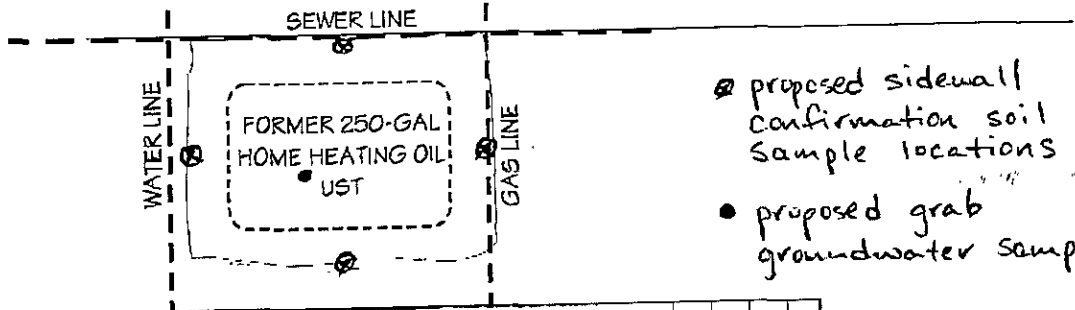
Joseph P. Derhake, PE, CAG
Senior Author



SAN JOSE AVENUE

GRAND STREET

SIDEWALK



ALL ENVIRONMENTAL, INC.
901 MORAGA ROAD, SUITE C, LAFAYETTE, CA

SCALE 1" = 10' DRAWN BY N WALCHUK DATE 8/14/98

SITE MAP

924 GRAND STREET ALAMEDA, CALIFORNIA DRAWING NUMBER **FIGURE 2**