

Project No.
5403.3.001.01

October 22, 2001

Mr. David Weiss
AAA Truck & Van Parts
3884 Depot Road
Hayward, CA 94545

- Site plan w/ location of samples proposed, structures
- one SB proposed near W.O. storage. How are other 2 SB locations determined
- Are 3 SBs adequate?

Subject: AAA Truck & Van Parts
3884 Depot Road
Hayward, California

PROPOSAL FOR A LIMITED SITE CHARACTERIZATION

Dear Mr. Weiss:

ENGEO Incorporated is pleased to present this proposal for a limited groundwater assessment of the subject property, located in Hayward, California. The purpose of the study is to provide an assessment of potential soil and groundwater impacts and environmental concerns associated with the existing wrecking yard activities.

PROPOSED SCOPE OF WORK

The proposed scope of work includes the following:

- Advance three *Geoprobe* borings with the collection of soil and groundwater samples.
- Laboratory analysis of an estimated 6 soil and 3 groundwater samples.
- Preparation of a final report summarizing our findings with conclusions and recommendations.

SOIL AND GROUNDWATER SAMPLING

Prior to exploration work, USA Service Alert will be contacted to clear the areas for underground utilities. The borings will also be permitted with Alameda County.

Three representative boring locations will be selected across the property based on an interpretation of areas exhibiting significant surficial petroleum staining. One of the three borings will be located near the waste oil storage area. Samples will be collected at three-foot intervals to the top of the saturated zone. Based on local topography/hydrology, ENGEO estimates that groundwater is within 15 feet of the ground surface. The soil samples will be retrieved using the *Geoprobe* direct push

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hydraulic soil coring system. A hydraulic hammer will be used to drive a 2-inch-diameter sampling rod to collect a continuous sampling core. The samples will be recovered in 4-foot-long 1¼-inch-diameter acetate sample tubes. Drilling will be performed under the direction of an ENGEO Environmental Geologist/Engineer who will log the borings in accordance with the Unified Soil Classification System. Following recovery, the samples will be sealed with Teflon sheets, plastic end caps, and tape. Sampling equipment will be cleaned with Alquinox and rinsed with distilled water between each sampling event.

The groundwater samples will be recovered from a temporary PVC casing using either a clean stainless steel bailer or a peristaltic pump. The groundwater samples will be decanted into appropriate laboratory glassware.

Following recovery, the soil and groundwater samples will be labeled and preserved in a cooled ice chest for transportation to Chromalab Inc., under documented chain-of-custody. Following the completion of drilling, the *Geoprobe* borings will be grouted with neat cement.

LABORATORY ANALYSIS

why not collect soil from 1ft also?
Soil samples from three feet and at the top of the saturated zone will be submitted for analysis (6 total samples). The soil and groundwater samples will be tested for the following:

Total Volatile Petroleum Hydrocarbons/BTEX/MtBE (TVPH/BTEX - EPA 8015/8020/8260)
Total Extractable Petroleum Hydrocarbons (TEPH)
Volatile Organic Compounds (EPA 8260)
LUFT Metals (5)

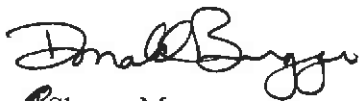
REPORT PREPARATION

After compiling and reviewing the collected data, we will prepare a written report. The report will document the work performed and the findings of the assessment with our conclusions and recommendations regarding potential environmental concerns.

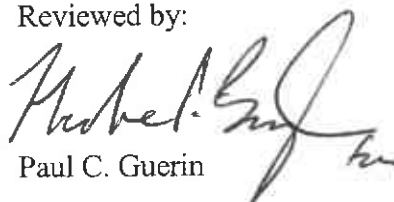
We look forward to working with you on this project. If you have any questions regarding the scope of our services, please do not hesitate to contact us.

Very truly yours,

ENGEO INCORPORATED


Shawn Munger

Reviewed by:


Paul C. Guerin

Project No.
5403.3.001.01

October 22, 2001
Revised October 31, 2001

Mr. David Weiss
AAA Truck & Van Parts
3884 Depot Road
Hayward, CA 94545

Subject: AAA Truck & Van Parts
3884 Depot Road
Hayward, California

PROPOSAL FOR A LIMITED SITE CHARACTERIZATION

Dear Mr. Weiss:

ENGEO Incorporated is pleased to present this proposal for a limited groundwater assessment of the subject property, located in Hayward, California (Figure 1). The purpose of the study is to provide an assessment of potential soil and groundwater impacts and environmental concerns associated with the existing wrecking yard activities.

PROPOSED SCOPE OF WORK

The proposed scope of work includes the following:

- Advance 8 *Geoprobe* borings with the collection of soil and groundwater samples.
- Laboratory analysis of an estimated 8 soil and 3 groundwater samples.
- Preparation of a final report summarizing our findings with conclusions and recommendations.

SOIL AND GROUNDWATER SAMPLING

Prior to exploration work, USA Service Alert will be contacted to clear the areas for underground utilities. The borings will also be permitted with Alameda County.

Eight boring locations have been selected based an Alameda County Environmental Health Department (ACEHD) review of a facility plan for the site (Figure 2). The borings will be sampled at depths of 1-foot and 3-foot below the ground surface. The 3-foot samples will be held by the

analytical laboratory, pending review of the 1-foot sample results. Three of the borings will be extended to the saturated zone for groundwater sample recovery (Figure 2).

Based on local topography/hydrology, ENGEO estimates that groundwater is within 15 feet of the ground surface. The soil samples will be retrieved using the *Geoprobe* direct push hydraulic soil coring system. A hydraulic hammer will be used to drive a 2-inch-diameter sampling rod to collect a continuous sampling core. The samples will be recovered in 4-foot-long 1¾-inch-diameter acetate sample tubes. Drilling will be performed under the direction of an ENGEO Environmental Geologist/Engineer who will log the borings in accordance with the Unified Soil Classification System. Following recovery, the samples will be sealed with Teflon sheets, plastic end caps, and tape. Sampling equipment will be cleaned with Alquinox and rinsed with distilled water between each sampling event.

The groundwater samples will be recovered from a temporary PVC casing using either a clean stainless steel bailer or a peristaltic pump. The groundwater samples will be decanted into appropriate laboratory glassware.

Following recovery, the soil and groundwater samples will be labeled and preserved in a cooled ice chest for transportation to Chromalab Inc., under documented chain-of-custody. Following the completion of drilling, the *Geoprobe* borings will be grouted with neat cement.

LABORATORY ANALYSIS

The soil and groundwater samples will be tested for the following:

Total Volatile Petroleum Hydrocarbons/BTEX/MtBE (TVPH/BTEX – EPA 8015/8020/8260)

*Total Extractable Petroleum Hydrocarbons (TEPH)**

*Total Oil & Grease**

Volatile Organic Compounds (EPA 8260)

LUFT Metals (5)

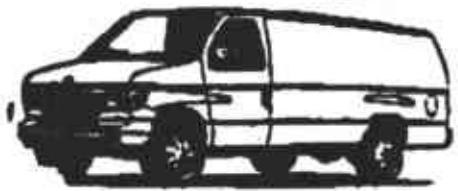
** Silica gel cleanup*

REPORT PREPARATION

After compiling and reviewing the collected data, we will prepare a written report. The report will document the work performed and the findings of the assessment with our conclusions and recommendations regarding potential environmental concerns.

We look forward to working with you on this project. If you have any questions regarding the scope of our services, please do not hesitate to contact us.

838-7463



AAA

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EVA CHU

567-6762

fax 337-9335

2 pages

Enclosed in this fax is a site map.

- (A) = near the waste oil storage
- (B) = center east of yard
- (C) = center south of yard.

PLEASE CALL me OR Shawn at ENGED.

David
cell (510) 755-3019

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

CO0000923

October 31, 2001

Mr. David Weiss
AAA Truck & Van Parts
3884 Depot Road
Hayward, CA 94545

RE: Workplan Approval for 3884 Depot Road, Hayward, CA

Dear Mr. Weiss:

I have completed review of Engeo's October 2001 *Proposal for a Limited Site Characterization* workplan prepared for the above referenced site. The proposal to advance eight borings to collect soil and/or groundwater samples is acceptable. Soil samples will be collected at 1 and 3 foot bgs. The 3-foot sample will be held, pending review of the 1-foot sample results. Be sure the 3-foot sample is analyzed, if needed, within the EPA holding period for the various analyses.

Field work should commence within 30 days of the date of this letter, or **by December 1, 2001**. Please provide 72 hours advance notice of field activities. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

email: Susan Torrence, Alameda County District Attorney's Office
Shawn Munger, Engeo

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