

May 16, 1995

Mr. Michael Visconti
Port of Oakland North Airport Property Manager
9532 Earhart Road, Suite 201
Oakland, California 94621

Re: Workplan for soil and groundwater sampling

Dear Mr. Visconti,

This letter summarizes soil and groundwater sampling activities planned for the Port of Oakland (Port) property. It has been prepared in response to your recent request for clarification of work planned for Port property adjacent to the National Airmotive Corporation (NAC) test cell at Earhart Road (Figure 1 and Figure 2).

The work to be performed has been described in two workplans, prepared by EMCON. The initial NAC workplan was prepared on May 24, 1994, to investigate possible soil and groundwater impact arising from a fuel spill on the NAC property. One of the boring locations for this investigation is located immediately west of the underground storage tank (UST) area, on Port property (Figure 2). A second workplan, prepared on August 12, 1994, addresses soil and groundwater sampling to be done on Port property, near drainage channels west of the NAC test cell. The attached Figure 1 shows the proposed sampling locations near the NAC test cell. Modifications to the above workplans, primarily addressing chemical analyses to be performed on the samples collected, were described in an EMCON letter dated March 14, 1995.

The following summarizes the field work and analyses intended for the Port property.

- Drill a total of five (5) soil borings in the trench area (locations are shown on Figure 1) to a depth of approximately 5 feet below ground surface (BGS). Collect two unsaturated soil samples at each boring, at depths of approximately 0.5 and 3 feet BGS. Continue each boring to a sufficient depth to permit collection of a groundwater sample. Grout the borings to the surface upon completion. Drilling and sampling methods to be employed are represented in detail in the August 12, 1994 workplan.
- Analyze the samples collected at the above boring locations for volatile organic compounds, metals, petroleum hydrocarbons, and total oil and grease, using the analytical methods described in the March 14, 1995, workplan modification.
- Drill one (1) soil boring west of the UST area (at the location on Figure 2) to a depth of approximately 5 feet BGS. Collect two unsaturated soil samples at depths of approximately 3 and 4.5 feet BGS. Continue the boring to a sufficient depth to permit collection of a groundwater sample. Grout the boring to the surface upon completion. Drilling and sampling methods to be employed are presented in detail in the May 24, 1994, workplan.

- Analyze the samples collected from the boring west of the UST area for high boiling-point hydrocarbons, gasoline, and benzene, toluene, ethylbenzene and xylene, using the analytical methods described in the March 14, 1995, workplan modification.

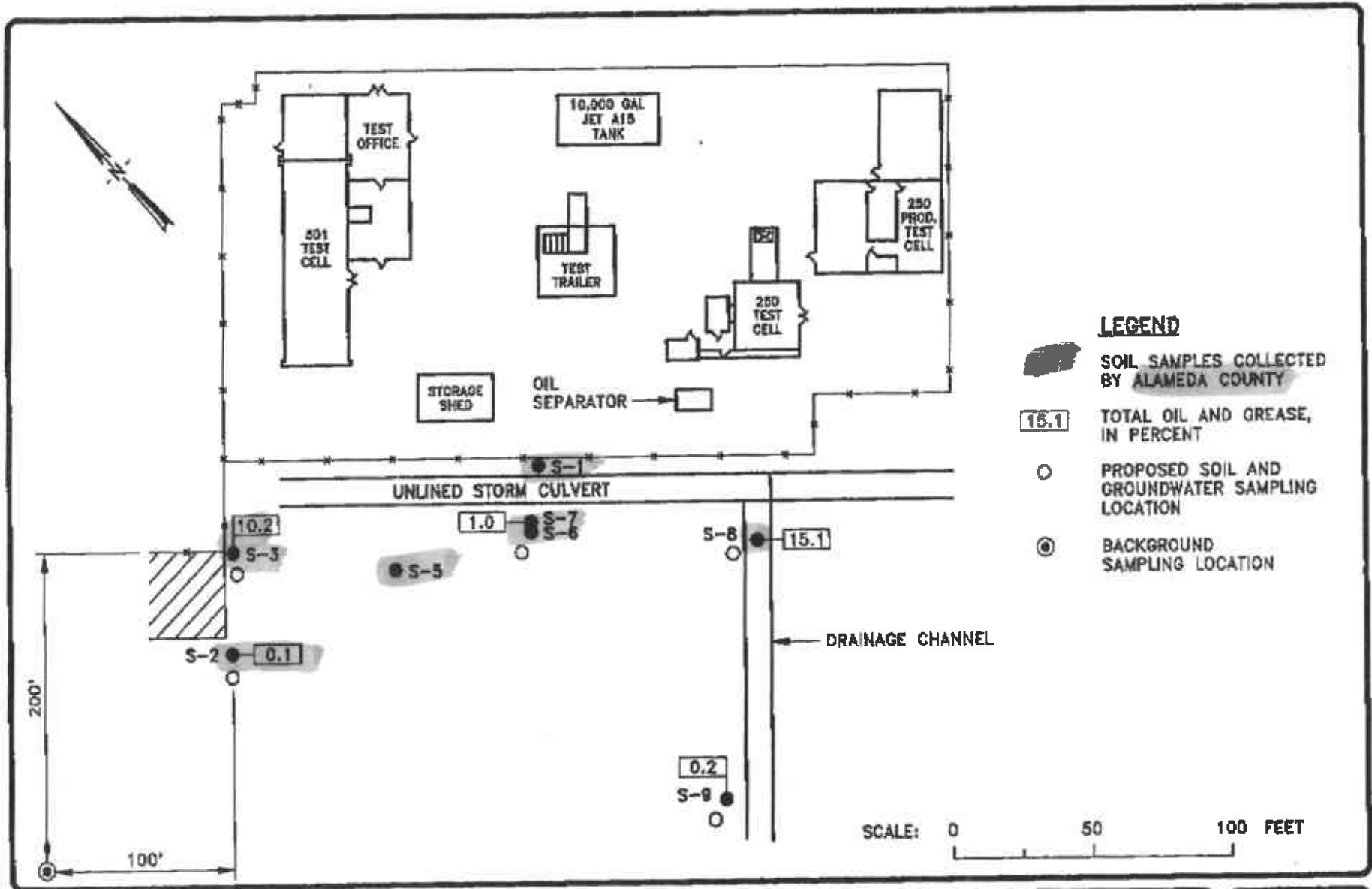
As stipulated by Patricia Murphy (Port of Oakland Environmental Dept.), the above work will not include collecting or analyzing samples to obtain background concentrations of metals. Please disregard the sampling point identified on Figure 1 as "Background Sampling Location." We understand that, after the results of the initial analyses are reviewed, the Port may reconsider and permit such sampling at a later time.

When the work is scheduled, NAC or EMCON will notify the Port of the sampling date, so that a representative of the Port may observe the sampling.

As you requested, we will obtain a copy of the cited Jones report; it will be forwarded to you under a separate cover. Please call if you have questions.

Sincerely,

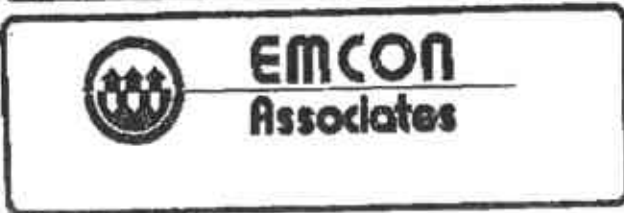
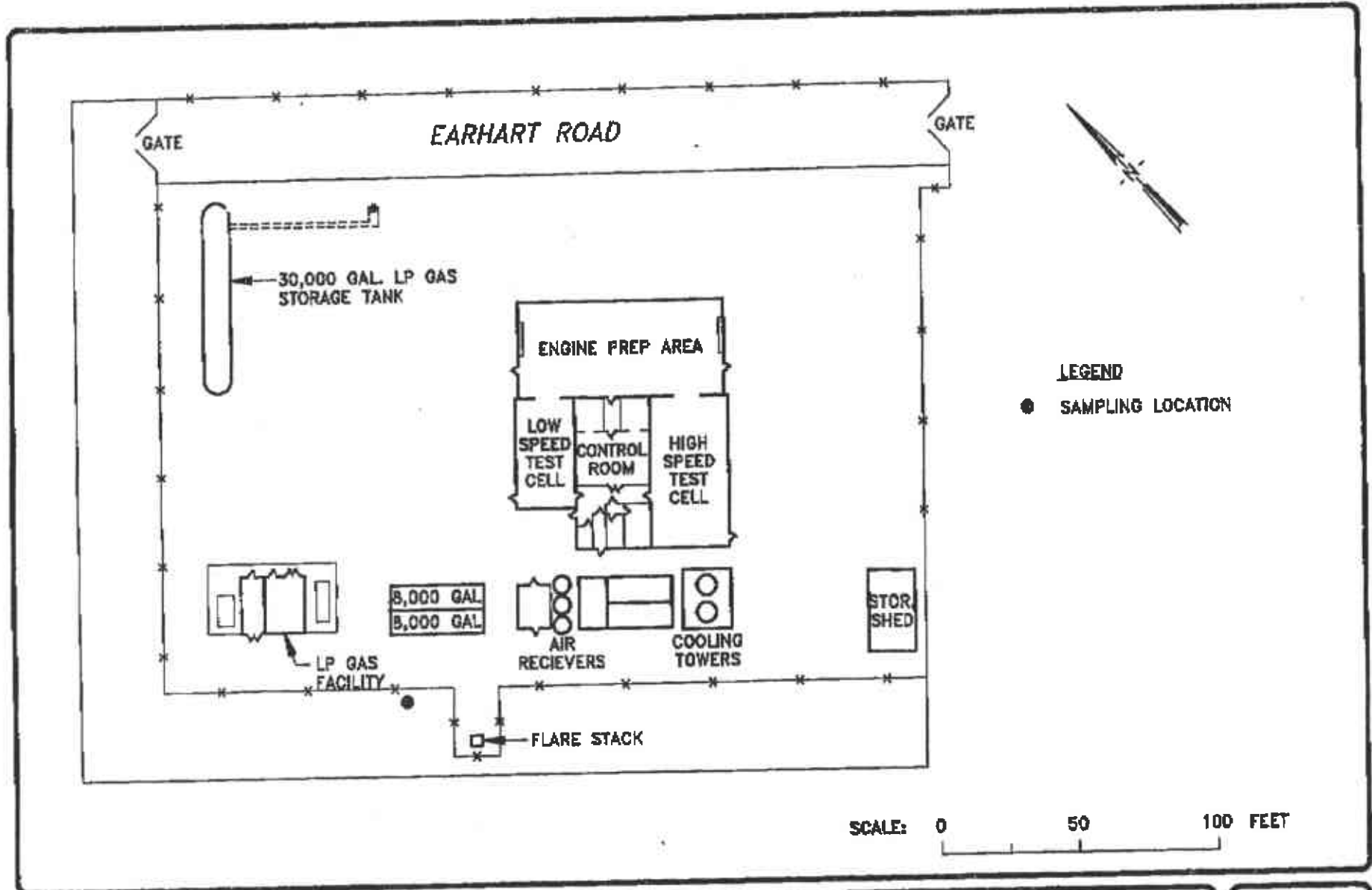
Cliff Maupin
National Airmotive



NATIONAL AIRMOTIVE CORPORATION
 7200 LOCKHEED STREET
 SOIL AND GROUNDWATER CHARACTERIZATION
 OAKLAND, CALIFORNIA

"GREY WATER AREA" SAMPLING LOCATIONS

FIGURE
1
 PROJECT NO.
 P94-080.09



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 7200 LOCKHEED STREET
 SOIL AND GROUNDWATER CHARACTERIZATION
 OAKLAND, CALIFORNIA

SAMPLING LOCATION

FIGURE
2
 PROJECT NO.
 P94-D50.12