



# HARTCROWSER

Earth and Environmental Technologies

Hart Crowser, Inc.  
353 Sacramento, Suite 1140  
San Francisco, California 94111  
FAX 415.391.2216  
415.391.1885

October 8, 1996

Ms. Madhula Logan  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Room 250  
Alameda, California 94502

Re: Request for Closure/Site Soil  
Grand Auto Supply  
4240 East 14<sup>th</sup> Street  
Oakland, California J-6077

ENVIRONMENTAL  
PROTECTION  
96 OCT 10 AM 11:31

Dear Ms. Logan:

On behalf of PACCAR Automotive, Inc. (PAI), Hart Crowser, Inc., requests closure for the soil portion of the site at 4240 East 14<sup>th</sup> Street in Oakland, California (the Site), which is currently occupied by a Grand Auto store.

Hart Crowser, in our "Facility Closure Report," dated February 16, 1996, previously requested closure for this Site. (A copy of the report is attached to the enclosed risk assessment.) This report was prepared to meet the closure requirements of the Alameda County Health Care Services Agency (ACHCSA) and the California Regional Water Quality Control Board - San Francisco Region (RWQCB). The facility closure request was based on the following:

- The known potential onsite sources of petroleum hydrocarbons (underground storage tanks (USTs), UST-associated piping, and car wash sump) have been removed, along with the bulk of the sump-related soil that contained petroleum hydrocarbons;



- Petroleum hydrocarbons have not been detected in site groundwater for five quarters of groundwater monitoring;
- The available chemical data suggest that the former car wash sump was not a likely source of halogenated volatile organic compounds (VOCs) to groundwater;
- No other potential sources of halogenated VOCs related to Grand Auto operations are known or suspected at the site. We therefore concluded that the halogenated VOCs present in site groundwater are due to a source unrelated to Grand Auto operations;
- Numerous potential offsite sources of halogenated VOCs exist in the immediate vicinity of the site. We have not identified any documents indicating that environmental investigations pertaining to halogenated VOCs have been conducted at these potential offsite sources.

In the meeting between Hart Crowser, PAI, and you, held at your office on June 22, 1996, you indicated that Alameda County would grant closure for the soil portion of the Site at this time, provided an ASTM-style risk assessment indicated that soil remaining at the Site posed no significant threat to human health. At the request of PAI, Hart Crowser completed a risk assessment for the soil portion of the Site, following ASTM RBCA (Tier I) guidelines (the Risk Assessment). A copy of the Risk Assessment, dated September 27, 1996, is enclosed. The Risk Assessment indicated that residual chemicals at the Site *do not* exceed Risk-Based Screening Levels (RBSLs). The RBSLs correspond to chemical concentrations in various environmental media at the Site, where the concentrations result in a non-carcinogenic hazard quotient of 1 and a carcinogenic risk level of  $1 \times 10^{-6}$ . The Risk Assessment concluded, therefore, that the presence of residual chemicals in Site soil does not pose unacceptable risks to human health under all current Site use or potential future Site use scenarios.

Hart Crowser believes that we have now satisfied the requirements for closure of the soil portion of the Site, as set forth in our meeting on June 22, 1996. We therefore request that you please consider closure of the soil portion of the Site at your earliest convenience.





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Please call Jay Ach at (415) 391-1885 if you have any questions or require further information.

Sincerely

**HART CROWSER, INC.**

Jay A. Ach, R.G.  
Senior Project Geologist

Taku Fuji  
Project Toxicologist



cc: Ms. Lisa Robbins, PACCAR, Inc.  
Mr. Raymond Elliott, PACCAR Automotive, Inc.

enclosure:

Risk Assessment, dated September XX, 1996

