

Subject: Support for World Logistics Center Final Environmental Impact Report
Date: 2015-08-14 06:00
From: rfphalen <rfphalen@uci.edu>
To: "Mr. Mark Gross" <markg@moval.org>

Moreno Valley City Council
c/o Mr. Mark Gross
Moreno Valley Planning Department
14177 Frederick Street
Moreno Valley, CA 92553

RE: Support for Approval of the World Logistics Center Final Environmental Impact Report

Dear Moreno Valley City Council Members,

I want to express my support for approval of the World Logistics Center Final Environmental Impact Report. A potential concern over the Center has been the potential health effects of diesel exhaust emissions. Having performed air pollutant inhalation health effects research at the UC Irvine Air Pollution Health Effects Laboratory for more than 30 years, I have concluded that realistic concentrations of diesel engine exhaust do not pose any significant threat to public health. This conclusion is supported by toxicology studies and by epidemiological studies.

Significantly, a recent report from the Health Effects Institute in Boston MA (HEI) on the carcinogenicity and biologic responses in rats after lifetime inhalation of new-technology (2007-compliant) diesel exhaust found that for real-world operation, the exposures "did not induce tumors or pre-cancerous changes in the lung." Only a few "mild changes were seen in the lungs, consistent with long-term exposure to NO2." This is good news, given that the 2010-compliant engines will have substantially reduced NO2 emissions.

The study, that involved examination of "more than 100 different biologic endpoints" was conducted jointly by investigators from four respected institutions. Exposures were to three levels of exhaust 16 hours per day 5 days per week for 30 months, i.e., the lifetime of the laboratory animals. This type of study is very reliable for projecting effects in humans when combined with consistent epidemiology findings.

Health Effects Institute studies are jointly supported by the US federal government and industry sources, and they carry considerable weight in the scientific community. The full report can be found on the HEI website (www.healtheffects.org). HEI also summarized the study in "Research Report 184", March 2015, that is also available on their website.

As an expert on public health, I am aware that economic concerns must also be taken into account when making decisions on new emission sources; especially those that will provide jobs and essential goods. In the case of the World Logistics Center, I have no concern that the effects on air quality will outweigh the benefits of the new Center to the community.

Most sincerely,

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