

Mr. Patrick Alford  
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DEVELOPMENT  
CITY OF NEWPORT BEACH

Dear Mr. Alford:

Based on the findings of this DEIR in Air Quality under *Significant and Unavoidable Impacts*, it appears the Project will have a significant impact on air quality for the entire region, which would include Newport Beach, Costa Mesa, Huntington Beach and perhaps beyond because of its contribution to Ozone (O<sub>3</sub>) concentrations. Are my conclusions correct here? What is the extent of the region referred to in "regional pollutant concentrations"?

**"Impact Summary: Significant and Unavoidable.** The Project would have a significant cumulative air quality impact because its contribution to regional pollutant concentrations of O<sub>3</sub> would be cumulatively considerable."

Why are the impacts of Ozone on human health not mentioned in the DEIR, requiring readers of the document to do their own research to find the health risks?

On the EPA web site, I found extensive information on the health effects of Ozone, including the following two paragraphs:

<http://www.epa.gov/apti/ozonehealth/population.html>

"Breathing ground-level ozone can result in a number of health effects that are observed in broad segments of the population. Some of these effects include: Induction of respiratory symptoms, decrements in lung function and inflammation. Respiratory symptoms can include: Coughing, throat irritation, pain, burning, or discomfort in the chest when taking a deep breath, chest tightness, wheezing or shortness of breath.

In addition to these effects, evidence from observational studies strongly indicates that higher daily ozone concentrations are associated with increased asthma attacks, increased hospital admissions, increased daily mortality, and other markers of morbidity. The consistency and coherence of the evidence for effects upon asthmatics suggests that ozone can make asthma symptoms worse and can increase sensitivity to asthma triggers."

The South Coast Air Quality Board's web site lists Ozone as the air pollutant having the most impact on the health of children and adults. It lists asthma as the most important disease with increasing incidence in this country, but says other diseases, such as

allergic reactions, bronchitis and respiratory infections are also increasing and that air pollution is a causal factor for these incidences. The site points out that children spend more time outside than adults and are often outdoors when pollution is at its highest.

[http://www.aqmd.gov/forstudents/health\\_effects\\_on\\_children.html#WhichAir](http://www.aqmd.gov/forstudents/health_effects_on_children.html#WhichAir)

Children also exert themselves harder than adults and studies on the impact of pollution on athletes demonstrate that we breathe in 30% more air while exercising. Do the Projects Applicants feel they have gone far enough to reduce the health hazards associated with breathing ozone by children engaged in sports at Sunset Ridge Park and the sports park, which has been designed with three soccer fields, and by the students playing on the Carden School playground? What more can be done to bring those ozone impacts down to less than significant?

A response by email would be appreciated.

Sincerely yours,



Fred Marsh  
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