

## Fred Greef

The upstream methane releases from fracking cannot be regulated due to the Dick Cheney Loophole. This proposal will result in a huge increase in fracking due to the overseas methanol market in China. The methanol is not needed in this state or even this country. There is no mitigation proposed for the vast methane releases. These releases may be worse than suggested in the conservative SEIS estimate. A worst case number should be used instead since the actual amount is unknown and cannot be regulated.

The downstream CO<sub>2</sub> releases from methanol used as fuel instead of plastic should also be looked at as worst case, since China cannot be regulated either. No mitigation is offered in the EIS for the potentially huge significant global warming impacts set in motion by this proposal. This is more gas and more fracking than is used by all of the Northwest's biggest cities combined. If approved Washington State is directly responsible for these emissions that have not been addressed by any type of enforceable mitigation in the SEIS.

The local Washington State air quality impacts to the population of Longview were also not well addressed. The added daily diesel emissions from barges and tug boats on the Columbia River as well as the daily new methanol plant emissions directly upwind of nearby Longview will result in more deaths among the elderly and those with compromised respiratory health. The air quality in Longview, especially along the River and train tracks already causes documented health and death concerns. The cumulative effects of these 2 new sources of air pollution were not well documented in the SEIS for the already compromised Longview airshed. These impacts are worse than those in Kalama where the existing air quality is better. Since these impacts are largely unknown and affect many more people than just Kalama and can actually be calculated, they should be considered significant until such calculations are conducted. Ecology has the expertise to monitor existing air quality in riverside longview residences, schools, and nursing homes. The existing air quality concerns along the riverside communities in Longview should be documented. The cumulative effects of the new impacts should be modeled by Ecology's air quality scientists and added to the existing air quality impacts before any conclusions can be made about the significance of the local air quality impacts of this proposal.