

Kristin Edmark

Comment: Formal Comments on Kalama Manufacturing and Marine Export Facility Draft Second Supplemental Environmental Impact Statement, September 2020

RE: Upstream emissions from fracking

Date: September 19, 2020

Respectfully submitted by: Kristin Edmark, MPH RD

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To: Washington State Department of Ecology c/o Rich Doeges

Thank you for the opportunity to comment. Thank you for requiring the SEIS be redone. Thank you for the changes made.

Please add emissions from the fracking process to the upstream emissions. My main reason for being strongly opposed to the Kalama methanol refinery is that it encourages enormous fossil fuel extraction and fracking during a climate crisis. Thank you for including methane pipe leakage in your analysis. It is also necessary to include realistic emission figures dealing with the fracking/ extraction process itself. According to "High Country News" Colorado is facing large expenses attempting to cap "orphaned" wells. (<http://hcn.org> Jan 16,2018 "Orphaned" oil and gas wells are on the rise) Large oil and gas companies usually sell their rights to smaller companies when wells become less profitable. Often these smaller companies walk away rather than attempting to cap wells as is required. Bloomberg has also reported on the growing problem of uncapped wells which continue to emit methane.

(<http://www.bloomberg.com/new/features/2020-09-17/abandoned-wells-are-left-to-spew-methane-for-eternity?>) The entire process of extraction including uncapped wells is a consequence of the Kalama methanol refinery creating a demand for the product.

As you know, the demand created by the methanol refinery will likely necessitate an additional north-south pipeline which will make it easier for additional large fossil fuel projects like that proposed at Port Westward, Oregon to be built.

Our world has run out of time to prevent enough change in our atmosphere to prevent continued climate disasters. The science is clear. I was struck by the globe exhibit at OMSI in Portland, OR showing world sources of greenhouse gasses. The exhibit points to northern USA/Canada as a major world emitter. It is just wrong and shameful for us to be doing this to the world. It is wrong for us to ignore/omit the upstream consequence of drilling/fracking created by the demand for gas by the Kalama methanol refinery.

Please include the full consequence of the drilling process including abandoned wells in the upstream emission Please deny the shoreline substantial development and conditional use permit on the basis of unacceptable greenhouse gas emissions.