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ENERGY FACILITY SITE  
EVALUATION COUNCIL

EFSEC Tesoro/Savage Oil Terminal Hearing  
October 29, 2013  
Clark College  
Vancouver WA.

Thank you for hosting this hearing and thank you for your service to the State of Washington. My name is Stephen Hulick and my wife and I live at 16607 N.E. 197<sup>th</sup> Avenue, Brush Prairie WA. 98606.

Please consider all the aspects of this proposal, from the Bakken formation extraction by hydraulic fracking to the burning of the manufactured product. Please weigh the benefits vs. the negative impacts.

I am opposed to this project for more reasons than I can state in three minutes, however here are some of the more important reasons:

1. This is a massive proposal! It will contribute greatly to climate change. If approved it will add CO2 to the atmosphere, increasing global temperature, and add to the acidification of the oceans. Dry farming would be severely impacted. Bill McKibben of 350.org stated recently that an increase of 1 degree in the global temperature will reduce the wheat yield in eastern Washington by 10%. Regarding the oceans, The Center for Biological Diversity has recently sued the E.P.A. over effects of acidification on sea life and oysters in the waters off the coast of Washington and Oregon. Some Washington oyster growers have already gone out of business due to increased water acidity.

If climate change continues, daily life as we know it will be gone. A greater and greater amount of public funds will go only to disaster relief.

2. The use of DOT 111 rail cars to transport the oil will result in undue danger to the public and the environment. These cars are known to be unsafe. This fracked oil is highly volatile, explosive and corrosive. Bakken crude and DOT 111 cars were involved in the Lac Megantic disaster. At the October 22, 2013, Port of Vancouver hearing, BNSF stated that 1,100 new rail cars suited to this crude will be built for this project. By my calculations, that number will be less than half of the cars needed to carry the proposed volume. Therefore, the remainder will be carried in DOT 111s. It puts in jeopardy all those along the route of over 1,000 miles, and especially endangers the Columbia Gorge habitat. The Gorge is vital to the well being of millions of people.

3. At the proposed Vancouver terminal, the handling and storage will bring increased air pollution, and will constitute a grave danger to Vancouver. Just consider six tanks each containing 380,000 bbl. of Bakken crude and what could happen. That's a total of 2,280,000 bbl. or 95,760,000 gal. The risk of catastrophic accident or attack is too great and should not be imposed on the community.

We as a nation should be striving toward renewable sources of energy. Enhanced solar technology and infrastructure, wind energy and increased conservation should be our goals. The fact that fracking is being done shows that U.S. reserves are lessening and that we are using desperate and destructive measures to continue use of fossil fuels. That should be our signal to be pragmatic and pursue other less destructive means of energy production. Or, we can continue the course and bear the consequences.

Thank you.



Stephen J. Hulick