

From: Meg Ruby [mailto:megruby@gmail.com]

Sent: Tuesday, April 07, 2015 4:32 PM

To: Planning and Sustainability Commission; Hales, Mayor; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz; Commissioner Novick

Subject: Please Oppose the Pembina Propane Export at the Port of Portland

Dear Planning and Sustainability Commission Members and City Councilors and Mayor Hales,

My name is Meg Ruby. I am writing to oppose the proposed Pembina Propane Export at the Port of Portland. My husband Jonathan Lindgren, M.D. and I are extremely concerned as parents of 2 teenage boys about the extreme public safety risks to which this proposed Pembina Propane Export terminal would expose our fair city. We are incredulous that the City of Portland would even consider a plan which would expose much of the city to the risks associated with the export of flammable propane, not to mention that the Pembina proposal will radically increase Portland's release of Green House gasses and fuel our contribution to Climate Change, thereby contradicting/undermining the City of Portland's vaunted Portland Climate Change Action Plan.

The potential risks to which our city would be exposed are staggering and include:

- 1) The potential of an accidental release of propane which could result in a huge dangerous explosion — large enough to break windows nearly 4 miles away from the terminal; and
- 2) An accident could release a huge flammable propane vapor cloud that could drift up to 5.3 miles downwind. Portland citizens, schools and businesses in St. Johns and Hayden Island and even Sauvie Islanders and Downtown Vancouver are at risk.
- 3) The hazard zone for an accidental release is huge and includes the I-5 Interstate Bridge. As these 100-car unit trains of liquid propane are to move through our dense urban neighborhoods, threatening homes and schools as well as habitat for endangered species, and the Pembina proposal puts at risk river and rail safety.

The safety hazards of a liquid propane terminal are not unlike those of and deserve the same scrutiny as a Liquefied Natural Gas or LNG project which has been held at bay for over a decade in Oregon.

The public safety and environmental information available to the Commission is incomplete and completely inadequate. Just one example: Pembina's Quantitative Risk Assessment (QRA) only

analyzes the potential impact of a single rail car exploding at the terminal as its “worst case scenario” for a rail accident. However, liquid propane trains are 100 cars long and will be traveling near Portland homes, schools, and businesses. In short, the “worst case scenario” – a liquid propane spill, explosion, and fire in a Portland neighborhood or along the tanker route - is much worse than the picture Pembina has painted. In addition, propane tankers would require security zones and could disrupt recreational boaters and fishing.

In summary, given the demonstrated risks to public safety, the extremely inadequate QRA, the paucity of safety and environmental information, and the very significant accompanying increased release of Green House gases and the fueling of climate change, the City of Portland should waste not time and have no compunction in rejecting out of hand the Pembina Propane Export at Port of Portland Terminal 6 Proposal and the associated hazards that said project would impose on our beautiful City of Portland.

Thank you for your consideration of these comments.

Sincerely,

Meg Ruby, M.S.

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