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**Sent:** Thursday, January 08, 2015 6:08 AM  
**To:** Planning and Sustainability Commission  
**Subject:** Pembina Propane Facility Proposal

Hello, I am writing to strongly urge you to reject the Pembina Propane facility proposal. There are *many* reasons for Portland to reject this proposal.

First, according to the City's analysis of the proposed facility, the Pembina Propane facility would be one of the largest electricity users in Portland, requiring 8,000 MWh of electricity per month, which "would result in about 20,000 metric tons of carbon dioxide (CO<sub>2</sub>) emissions per year — about 0.7% of Portland's actual emissions." In addition, the export of 46–69 million gallons of propane per month will "represent 3 to 5 million metric tons of CO<sub>2</sub> released into the atmosphere annually, which is about 0.01% of global CO<sub>2</sub> emissions." In short, the propane shipped through this single facility will have a measurable impact on both local and global CO<sub>2</sub> emissions.

Second, neither Pembina nor the Port has analyzed the environmental risks associated with this facility or the transport of propane along the Columbia River by boat and rail. The proposed facility will occur in the midst of some of **Portland's most valuable environmental assets**, with Smith and Bybee Lakes just to the south and the Columbia River and West Hayden Island immediately to the north. Any decision by the City of Portland to amend its environmental zones to allow this facility should be informed by the potential environmental impacts of an explosion.

Third, this facility may be just the tip of the iceberg when it comes to the Port's ambitions as an energy exporter. Pembina has already made statements indicating that it has ambitions to expand this facility in the future. The Port has indicated that it views energy exports as a significant part of its future marine terminal portfolio, although it has also stated that its current policy is "no to coal" and "not now to crude oil." Portland needs to seriously consider whether it wants its limited industrial lands to be used as a gateway for global energy exports.

Fourth, this project will provide a meager number of jobs. Pembina indicates that it will hire 35–40 people to work on this 40-acre site, approximately one job per acre. At a time when the City and Port are trying to justify converting irreplaceable natural areas to industrial use to generate job

growth, using one of the last large, vacant riverfront industrial parcels for a project that will generate a nominal number of jobs makes no sense.

Finally, the project could shut down one of Portland's most active waterways several days per month. Federal regulations allow the Coast Guard to establish security zones of up to 500 yards around ships that are docked at these types of facilities. A 500-yard security zone would span the entire width of the Oregon channel.

There are many more concerns to be considered, including impacts to air quality and risks presented to local houseboat and manufactured home communities.

This proposal is dangerous and short-sighted. Please reject it in the interests of the community and the environment.

Thank you,

Diane Rios

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