

warm the waters of Puget Sound, Hood Canal, and the North Pacific in general.

Comment 2 – Please determine the collective incremental impact on salmon populations as average temperatures rise in breeding streams, as snowpacks melt earlier in the season, as ocean acidification alters the ecosystem, and as other climate changes descend upon our region due to these emissions.

Comment 3 – Please determine the collective incremental impacts on Eastern Washington forests as weather patterns change, as pest populations grow, as habitat temperatures rise, and as precipitation levels change due to these emissions.

Comment 4 – Please determine the collective incremental impacts on the region’s fruit-growing industry as temperatures rise, precipitation patterns change, pest populations grow, and new pests arrive in our region due to changes in our climate driven by these emissions.

Comment 5 – Please determine the collective incremental impacts on our wine industry, which is one of Washington State’s largest industries, as precipitation patterns change, temperatures rise, and new pests and vine diseases arrive in our region due to climate changes driven by these emissions.

Comment 6 – Please determine the collective incremental impact on human (especially pregnant women and their fetus’), animal, and plant health due to these emissions.

Comment 7 – Please determine the collective incremental impact of these emissions on our coastal communities as sea level rises and more intense storms erode the bluffs and beaches that heretofore separated them from the sea. Please determine the collective cost of any required buyouts, relocations, and/or protective measures that may be required on our coasts.

Thank you.

- Mercury, including methylmercury generated by microbial action on mercury molecules released into aquatic ecosystems;
- Lead;
- Sulfur;
- Sulfur dioxide;
- NOx compounds;
- Uranium and its decay products;
- Thorium and its decay products;
- Potassium-40 and its decay products;

It is worth noting that these elements and compounds have been identified arriving in our region from China and other locations across the Pacific Ocean, and have had quantifiable epidemiological impacts on human (especially pregnant women and their fetus'), animal, and plant health.

- When I say “incremental impacts” I mean the additional impact of these emissions on top of the impacts that science is now telling us are unavoidable due to our burning of fossil fuels for the last two-hundred years and our inability to curb our emissions over the last two decades.
- When I say “collective incremental impacts” I mean the sum of all impacts from the various mechanisms and paths by which the additional emissions manifest their damage in the region. Some of these are, for example, higher temperatures, altered precipitation patterns, the arrival of new pests due to a more accommodating climate, altered snow melt timing, etc. All these mechanisms impose a collective impact on forests, growers, fishermen, and wildlife.

Comments

Comment 1 – Please determine the collective incremental impact on the Pacific Northwest shellfish industry as the additional emissions acidify and

Millenium Bulk Terminal Proposal

EIS Scoping Comments

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Thank you for the opportunity to provide comments on this EIS.

In general, I am disheartened to see that the Greenhouse Gas Emissions and Climate Change impacts (Section 5.8) of this project seem to be limited to impacts on the project's operation. There are in fact significant impacts borne by other entities in the region, and, indeed, individuals around the world.

To that end, I would like to ask that the items below be included in the Final EIS.

Definitions

- As a prelude, let me say that in my comments, when I say “impacts,” I mean the quantified, physical and economic differences between the No Action Alternative and the proposed project.

- When I say “emissions” or “additional emissions” I mean all emissions related to the extraction, processing, transport by land and sea, and burning of the coal proposed to pass through this facility in the proposed project. These emissions include, but should not be limited to:
 - Carbon dioxide;
 - Carbon monoxide;