

Countryman, Ryan

From: VM Paulsen <paulsvm202@live.com>
Sent: Sunday, May 03, 2015 2:35 PM
To: Countryman, Ryan
Subject: FYI: Here is an even more substantial reason why Pt Wells should not be developed

Dear Ryan:

For those who did not see/read this Sunday morning (May3, 2015) article on how urban development and increased population density is devastating the marine environment, and with it a loss of salmon and herring and other marine creatures on which our own human depends I am attaching the relevant front page article on this issue. The article is titled "Prime fish give way to hordes of jellyfish in Puget Sound." The article can also be accessed via the SeaTimes website: [The Seattle Times | Local news, sports, business, politics, entertainment, travel, restaurants and opinion for Seattle and the Pacific Northwest.](#) under the title of the article.

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It is critically important that each of you read this article and seriously consider the implications for the plans the Shoreline City Council and City Manager have for the several proposed urban development projects. The following is a summary of the issues and conclusions presented in this article.

First off, it takes a considerable amount of time to accumulate and analyze data on long term trends. Thus, information that was not available at an earlier time may result in decisions that are not the wisest ones. These data are from 1973-1985 and 2002 - 2011.

Second, The major points presented in this article are that there has been an enormous increase in the population of all jellyfish species and of sticklebacks, neither of which humans eat. No other species eats jellyfish. These two species are inedible for humans,

Third this massive increase of these two species has been highest in the Central Basin of Puget Sound/Salish Sea, which Shoreline and other coastal communities, cities and counties border. .

Fourth, there has been a devastating decline in the number (i.e., population size) of herring on which salmon feed. Thus the population of salmon and other species which humans (and whales) eat has been sharply declining. Salmon is an iconic fish in the Puget Sound/Salish Sea communities, and our commercial fishing depends on catching these.

Fifth, while "climate and commercial fishing were implicated as factors in the observed changes", the major factors that influence the massive increase in jellyfish and sticklebacks and the devastating decline in herring - of 100% in the Central Basin that includes the coastal areas of Shoreline - are greatly increased urban development and corresponding huge increase in population density. Urban runoff and pollution, associated with urban development and population density, are also impair the reproductive capability of marine species such as herring, smelt and salmon, species which provide food for us.

We humans now face a very difficult choice between increasing economic development and the expected increase in revenue such development is thought to bring and preserving and protecting our

marine environment. This is an obvious case of preferring short term benefits for a relatively few at the expense of long term costs for many, including not only the beneficial marine species but also ourselves, our health and well-being and even our life expectancy.

The proposed development at Pt. Wells, which border Shoreline and NW King County is one of those urban developments that will bring greatly increased population density and pollution problems to the off-shore marine environment. The proposed commercial and residential project at Pt. Wells will be a major contributing factor to the exacerbation and devastation of off-shore marine environment at Pt. Wells.

For this reason, I oppose the development at Pt. Wells. I think it is time for the Shoreline City Council and its City Manager to just say **"NO"** to the proposed development at Pt. Wells

Perhaps you, although not I, will develop a taste for puree of jellyfish when all the herring, smelt and salmon are extinct. Permanently.

Gini Paulsen
Ridgecrest Neighborhood
Shoreline