

Merrill, Hannah

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Sent: Friday, December 14, 2012 9:43 AM
To: zSMP
Cc: Karl Spees [REDACTED]; notac@olympen.com; Frank M Penwell; info@justwateralliance.org; Norman MacLeod; Brian and Brooke; Keith Olson; Lois Perry; Sue Forde; Jay Petersen; harry bell; WILLIAM PALMER
Subject: SMP SHORELINE DESIGNATION- BUFFERS AND EROSION

Comment on SMP Draft Update

SHORELINE DESIGNATION- BUFFERS AND EROSION

Pearl Rains Hewett Trustee
George C. Rains Sr. Estate
Member SMP Committee

ONLINE PUBLIC SMP COMMENT FOCUS ON Shoreline Designations?

- **IF A SHORELINE DESIGNATIONS is based on EROSION etc?**
- **IF A BUFFERS is based on EROSION etc?**
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- [102012 - MGWhite - B](#) **NOT A "priority feeder bluff"** We assume "feeder bluffs" to mean actively eroding bluffs
- [101012 - LMcNerthney - B](#) **"Priority feeder bluff"-non-conforming** We have noticed very little change to the bluffs inside Dungeness Bay. (erosion)
- **Only 2 out of 6 Public comments connected EROSION with designation**
 - **and not one Public COMMENT connected BUFFERS with EROSION with DESIGNATION.**

SMP Committee meeting Dec. 11, 2012

Presentation by Jim, Coastal Geology Systems
Handout Memorandum (17 pages) consultant

PAGE (2) TEMPTING TO OPT FOR A PARCEL BY PARCEL BUFFER STRATEGY?

THEY CAN'T DO IT, BECAUSE? ITS TOO COSTLY AND TIME CONSUMING FOR THE ADMINISTRATION?

PAGE 6 THEY DID NOT ANALIZE EROSION RATES

SHORELINE EROSION? BEST SCIENCE IS AVAILABLE

And, you don't have to be a geologist to provide/prove it.

Dated Surveys of YOUR PRIVATE PROPERTY show the DEPTH of your, site specific parcel lines on your shoreline lot, at a documented period in time. Clallam County old 1969-1992 paper maps and online active maps can be used to document your erosion rate.

EXAMPLE

Pretty basic stuff, **X minus Y equals Z**

Take Clallam County map dated 6 Feb. 1969 lot **depth equals X**

Clallam County map dated 13 July 1992 lot depth **minus Y**
equals Z feet of DOCUMENTED erosion In 23 years and 5 months (23.41)
In 23 years and 5 months 38 feet of erosion
23.41 years into 38 feet equals an erosion rate of 1.6 feet a year.
75 years at 1.6 equals ?????

A private property owner can prove/document the site specific erosion rate for as short or as long as you want?

For the last 160 years? Use the 1853-1857 government survey maps of WA State territory and compare them with most current Ariel photos or maps. How much site specific erosion on Clallam County coastline ?

You may not like what you prove?

The Buffer maybe justified?

But at the VERY LEAST, you will know it is PROVABLE site specific EROSION RATE for MITIGATION.