



KITSAP

Helping one beach at a time

Did you know: bulkheads impact the health of beaches?



This picture shows a concrete bulkhead in Yukon Harbor. This bulkhead partially collapsed due to the loss of beach sand. Notice how the beach is made up of lots of large cobble and not much sand.

Marine bulkheads are structures built on shorelines for a variety of reasons, including to reduce erosion on shore banks and protect homes. In some cases, bulkheads can actually increase erosion on the beach itself. Here are some of the ways they negatively impact beach health:

- Deplete your beach and neighboring beaches of sand and gravel, by deflecting wave energy
- Change the quality of the habitat used by salmon and birds
- Take up prime beach space
- Make access difficult for people

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To learn more about your marine waterfront and bulkhead alternatives click [here!](#)

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