



U.S. Army Corps
of Engineers
Alaska District

ALASKA BASELINE EROSION ASSESSMENT

Erosion Information Paper - Ivanof Bay, Alaska

Current as of March 4, 2008

Community Information

Ivanof Bay (EYE-van-off), population 0, is on the northeast corner of the Kupreanof Peninsula at the north end of Ivanof Bay, 500 miles southwest of Anchorage, 250 miles southeast of Dillingham, and 270 miles south of King Salmon. The State of Alaska Department of Labor listed an estimated population of 2 residents in 2005 and 5 residents in 2004, but has listed the population as 0 for the last 2 years. The community is occupied seasonally by a few people who are there to watch over properties. The community is unincorporated in the Lake and Peninsula Borough.

Description of Erosion Problem

Storm surge and wind-driven waves combined with high tides and occasional flooding cause and contribute to gradual erosion. The tide line is high with no beach left during high tide. Waves occasionally lap over the airport runway at the beach front. The winter of 2007 was reportedly the worst in a long time for storms and erosion. Beach erosion has been gradual with no measurements or erosion rate estimates.

Potential Damages

A house with pilings placed around it is approximately 100 feet from the shoreline on the west end of the runway and is threatened by advancing erosion. Erosion exposed pipes at the safe water building along a steep area off Hillside Road during the winter of 2007. Loss of beach area could increase runway damage and further erosion into areas with community structures.

Photos and Diagrams

No photos were provided by community or other sources. The attached diagram shows the linear extent of erosion.

References

USACE. 2008. *Alaska Community Erosion Survey*, OMB approved number 07100001, expires September 30, 2009 administered to Steven Shangin, Ivanof Bay Village Council member and George Anderson, Ivanof Bay IGAP coordinator on March 4, 2008.

Additional Information

This information paper, as well as those for other communities, can be accessed on the internet at www.alaskaerosion.com. For more information please contact the Corps of Engineers, project manager at (907) 753-5694 or email Alaska.Erosion.POA@usace.army.mil



Date of Aerial Photo: 27 May 79



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- - - - Linear Extent of Erosion



Alaska Baseline Erosion
Ivanof Bay, Alaska