Community Information
Clark's Point, population 69, is on a spit on the northeastern shore of Nushagak Bay, 15 miles south of Dillingham and 337 miles southwest of Anchorage. The community is a 2nd class city in the unorganized borough. The riverbank and shoreline are used for numerous community activities, including access ramps for boats, snow machines and ATV’s; fishing and hunting; and driftwood collection.

Description of Erosion Problem
Per the community survey, coastal and riverine processes along Nushagak Bay and Nushagak River are the cause of erosion problems in Clark’s Point. Conditions causing or contributing to erosion include flooding, spring-breakup, high tides, and wind and wave action. Waves can approach Clark’s Point from the north, west, and south. South-southwest waves can reach approximately 14 feet. The older portion of Clark’s Point on a gravel spit is particularly vulnerable to storms with intense southwest winds.

According to a Department of Transportation and Public Facilities report, long-term residents indicated that in 1943 the bank line was about 100 to 150 feet farther outward. This indicates long-term erosion averaging 2.5 to 3.8 feet per year. The report indicated an erosion loss of 0.2 acres per year.

Potential Damages
At the rate of erosion discussed above, the potential exists for the community clinic, community generator, 2 sheds, 1 warehouse, 13 homes, and a utility pipe to be lost to erosion within 25 years (see linear extent of erosion on map). The community began moving to higher ground in the early 1980s to reduce this risk. Many community structures have been relocated south to a high bluff area, protecting them from future erosion damage. The new airport, which opened in 2006, is also on this bluff. Other community facilities now on the bluff include the city office, electric plant, post office, school, and health clinic. Residential structures are on both the bluff and the lower area. A cemetery, the tribal office, and a fish processing plant were not relocated and are still at risk. The city's bulk fuel facility is also in the lower area, but at a fair distance from the beach.

Photos and Diagrams
Photos of erosion provided by Department of Commerce, Community and Economic Development, Division of Community Advocacy are attached. A diagram showing the linear extent of erosion in the community is also attached.
References

Additional Information
This information paper, as well as those for other communities, can be accessed on the internet at [www.alaskaerosion.com](http://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](mailto:Alaska.Erosion.POA@usace.army.mil)
Photo 1: Clark’s Point from the North, October 2005.

The extent of erosion shown on this figure is based on interviews with the community. This data has not been field verified. This figure is only intended to show areas of erosion, not rates or severity of erosion.