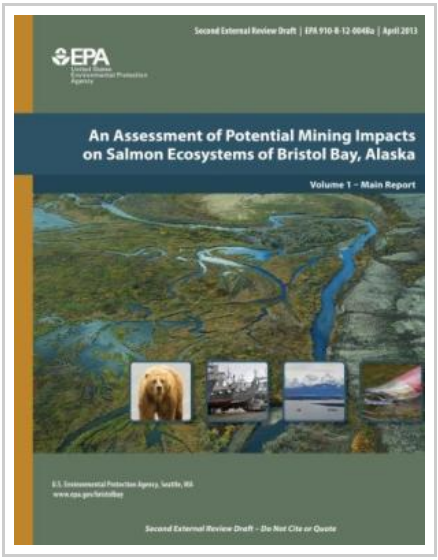

An Assessment of Potential Mining Impacts on Salmon Ecosystems of Bristol Bay, Alaska Volume 1 - Main Report

By U S Environmental Protection Agency

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This report evaluates the potential impacts of large-scale mining development on salmon and other fish populations, wildlife, and Alaska Native cultures in the Nushagak River and Kvichak River watersheds of Bristol Bay, Alaska. It is not an assessment of a specific mine proposal for development, nor does it outline decisions made or to be made by the U.S. Environmental Protection Agency (USEPA). The assessment was conducted as an ecological risk assessment and starts with a review and characterization of the fisheries, wildlife, and Alaska Native cultures of the Bristol Bay watershed, particularly the Nushagak and Kvichak River watersheds. We developed realistic mine scenarios that include an open pit mine producing 0.25, 2.0, and 6.5 billion tons of ore and a 138-km transportation corridor. Based on these mine scenarios, we conclude that mining would, at minimum, cause the loss of spawning and rearing habitat for multiple salmonids (Pacific salmon, rainbow trout, and Dolly Varden). The mine footprint in each of the three scenarios would likely result in the direct loss of 38, 90, and 145 km of streams and...

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