



9/26/2024

Department of Natural Resources,

The Seward area is made up of six Alluvial Fans, one of which is fed by Bear Glacier and flows through DNR parcel #12535014. An Alluvial Fan naturally spreads sediment over a wide area increasing the elevation of the landscape over time. Since the colonization of Seward, we have been restricting these Alluvial fans which causes the sediment to be deposited in a narrow creek channel. The only way we have found to restrict these creeks to their channels and prevent the flooding of surrounding neighborhoods is by removing the sediment. In the attached report "Integrated Feasibility Report, Environmental Assessment and Finding of No Significant Impact," written in 2015 by the US Army Corps of Engineers, a study of the area and the impacts of a potential Flood Mitigation project are discussed. The report describes the need for Flood Mitigation activities in the area.

The SBCFSA would like to reestablish the creek channel by hiring contractors to excavate the channel to the design specifications provided in the attached plan titled "Kenai Peninsula Borough Salmon Creek – Upper Salmon Seward Alaska Streambed Maintenance." Within this document the extraction per water segment can be found, between 60.18041° N -149.36605° W and 60.17862° N -149.34513° W. This has never been done before, however mitigation projects have been completed upstream and downstream of this parcel successfully. The establishment of this channel will require removal of up to 66,842 CY's of sediment, by means of excavation. This work will be accomplished using Excavators, Dozers, Dump Trucks, Off Road Trucks, Scrapers and Rollers. Over the five year permit, up to 150,000 total CY's of material would have to be removed to maintain the Creek channel. The parcel will be accessed from private property downstream and KPB property upstream (see attached map). The sediment removed from this parcel will be the property of the contractor and will be of no value to SBCFSA or the KPB.

We are currently waiting on funding and have no solid timeline; however, the goal is to conduct excavation activities between the months of May and November. All material removed will be done in even, shallow lifts during low flow seasons and in accordance with the provided design plans.

Thank you

*Nicholas Chapman*

SBCFSA-Program Manager