

**Kenai Peninsula Salmon Streams**

Homer Soil & Water Conservation District, \$52,527

This project addresses Deep Creek, Anchor River, and Ninilchik River, which are priority waters in need of protection, with habitat and water quality being primary concerns. Water quality standards of concern are temperature, turbidity and phosphorus. This project, which addresses ACWA priority actions for these rivers, will determine the spatial and temporal extent of elevated temperatures; identify warmer tributaries and possible anthropogenic causes; evaluate whether existing turbidity data are representative of natural conditions; collect turbidity data to determine if sediment is related to human activity, determine if elevated phosphorus levels are geologic or anthropogenic, and evaluate stream bank impacts on the Anchor River. Water quality information will be disseminated to facilitate resource management decisions which will lead to the protection of these economically important salmon streams. Contact Shirley Schollenberg, 907-235-8177.