



United States Department of the Interior

U.S. GEOLOGICAL SURVEY ALASKA SCIENCE CENTER

4210 University Drive
Anchorage, Alaska 99508-4626

June 15, 2023

Honorable Peter A. Micciche, Mayor
Kenai Peninsula Borough
144 North Binkley
Soldotna, Alaska 99669
Attention: Brenda Ahlberg

Dear Mayor Micciche:

Thank you for your interest in the continuation of hydrologic data collection for flood warning and flood forecasting on the Kenai Peninsula. We have enclosed a Joint Funding Agreement (JFA) to continue operation for the stage-only gaging station on Anchor River near Anchor Point, and the continuous record stream gaging stations on Grouse Creek near Seward, Snow River near Seward, Kenai River at Cooper Landing, and Kenai River below Skilak Lake Outlet near Sterling.

A reduction in federal funding for our Cooperative Water Program required a reduction in the amount of the U.S. Geological Survey (USGS) contribution to the JFA from previous years. This reduction will not result in an increase from the Kenai Peninsula Borough (KPB) or a reduction in services from the USGS. We are able to redirect funding from the National Streamflow Information Program to offset the reduction in Cooperative Water Program Funding. Annual costs to KPB and USGS for our existing JFA are summarized below

	KPB	USGS	TOTAL
July 1, 2023 to June 30, 2024	\$80,000	\$75,000	\$155,000

Costs by stream gaging station for this year and projections of future years are listed in the appendix.

As part of the operation of the gages, the USGS will:

- Operate and maintain the streamgage.
- Maintain datum at the site.
- Record stage data every 15 minutes.
- Make discharge measurements during visits to maintain the stage-discharge rating curve and to define the winter hydrograph.
- Post near real-time stage and discharge data in the USGS online *USGS Water Data for the Nation* from <http://waterdata.usgs.gov/nwis/> and publish finalized data to the same site.

- Store the data in the USGS databases.

The Kenai Peninsula Borough will be billed quarterly, beginning September, 2023. Work performed with funds from this agreement will be conducted on a fixed-cost basis. The USGS will retain all equipment purchased with funds from this agreement. It is understood that data obtained during the course of this work will be available to the USGS for publication and use in connection with related work. This agreement operates under the authority of statute 43 USC 50, which allows us to perform this work.

Please contact Starlyn Lenore at (907) 786-7117 with any billing concerns. Thank you for your understanding and cooperation in this matter. If you have any technical questions, please call Jeff Conaway at 907 786-7041. We appreciate your support of this valuable water resources program.

Sincerely,

Zimmerman,
Christian E. Digitally signed by
Zimmerman, Christian E.
Date: 2023.07.03
10:31:58 -08'00'

Christian E. Zimmerman
Director, Alaska Science Center

cc: Chad Smith (USGS-ASC)
Jeff Conaway (USGS-ASC)

APPENDIX

Annual flood warning gage costs
State Fiscal Year 2024

This agreement covers July 1, 2023 through June 30, 2024, only.

State Fiscal Year 2024			
	KPB	USGS COOP	TOTAL
Grouse Creek near Seward	\$19,000	\$15,000	\$34,000
Snow River near Seward	\$19,000	\$15,000	\$34,000
Anchor River near Anchor Point	\$4,000	\$15,000	\$19,000
Kenai River at Cooper Landing	\$19,000	\$15,000	\$34,000
Kenai River below Skilak Lake	\$19,000	\$15,000	\$34,000
TOTAL	\$80,000	\$75,000	\$155,000
