Alaska Science Center
4230 University Drive, Suite 201
Anchorage, Alaska 99508

June 20, 2012

Honorable Mike Navarre, Mayor
Kenai Peninsula Borough
144 North Binkley
Soldotna, Alaska 99669

Attention: Eric Mohrmann

Dear Mayor Navarre:

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.

Beginning in Federal Fiscal Year (FFY) 2013 (October 1, 2012), and effective in years forward, Federal funding listed on Joint Funding Agreements (JFAs) reflects only monies directly associated with the Cooperative Water Program at the Water Science Center level. Other USGS services that are critical to the jointly funded work—such as those associated with facilities, quality assurance and quality control, technical training, and science support—are no longer reflected on the USGS side of the JFA. USGS continues to provide these support benefits and services, but under a new USGS business practice can no longer include these in the Cooperative Water Program appropriated funds line item on the JFA. Instead these important benefits services are supported in Water Science Centers through other Bureau common services accounting measures unrelated to the Cooperative Water Program.

This change in USGS business accounting does not change the overall gross costs of USGS work nor does it diminish the total benefits and services that are provided by the USGS to meet the high USGS standards of quality for Cooperative Water Program work in a timely fashion. In the tables below, funding is listed both under the new and old accounting practices, for comparison.

Annual costs to the Kenai Peninsula Borough (KPB) and U.S. Geological Survey (USGS) are summarized below:

	KPB	*USGS old formula*	*TOTAL old formula*	USGS new formula	TOTAL new formula
July 1, 2012 to June 30, 2013	$91,562	*$67,600*	*$159,162*	$54,259	$145,821

Costs by stream gaging station 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 on the USGS web site http://waterdata.usgs.gov/ak/nwis/.
- Store the data in the USGS databases.
- Publish the data in our annual Water-Resources Data for the United States report (http://wdr.water.usgs.gov/).

The Kenai Peninsula Borough will be billed quarterly, beginning September, 2012. The USGS DUNS number is 178930541. 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 return one original signed JFA in the envelope provided. Please contact Chris Cady at (907) 786-7116 with any billing concerns. Thank you for your understanding and cooperation in this matter. If you have any questions, please call Chad Smith at 907 786-7103. We appreciate your support of this valuable water resources program.

Sincerely,

Mark Shasby
Director, Alaska Science Center

cc: Chad Smith (USGS-ASC)
David Meyer (USGS-ASC)

Enclosures:

APPENDIX

Annual flood warning gage costs
State Fiscal Years 2013-2017
For planning purposes, only. This agreement covers July 1, 2012 through June 30, 2013, only.

2013				
		KPB	USGS	TOTAL
Grouse Creek near Seward	July 1 to September 30	$4,443	$4,443	$8,886
	October 1 to June 30	$16,692	$8,959	$25,651
Snow River near Seward	July 1 to September 30	$4,443	$4,443	$8,886
	October 1 to June 30	$16,692	$8,959	$25,651
Anchor River near Anchor Point	July 1 to September 30	$1,458	$1,458	$2,916
	October 1 to June 30	$5,564	$2,986	$8,550
Kenai River at Cooper Landing	July 1 to September 30	$4,443	$4,443	$8,886
	October 1 to June 30	$16,692	$8,959	$25,651
Kenai River below Skilak Lake	July 1 to September 30	$4,443	$4,443	$8,886
	October 1 to June 30	$16,692	$8,959	$25,651
TOTAL		$91,562	$58,054	$149,616

2014				
		KPB	USGS	TOTAL
Grouse Creek near Seward	July 1 to September 30	$4,887	$3,566	$8,453
	October 1 to June 30	$18,473	$8,959	$27,433
Snow River near Seward	July 1 to September 30	$4,887	$3,566	$8,453
	October 1 to June 30	$18,473	$8,959	$27,433
Anchor River near Anchor Point	July 1 to September 30	$1,604	$1,170	$2,774
	October 1 to June 30	$6,158	$2,986	$9,144
Kenai River at Cooper Landing	July 1 to September 30	$4,887	$3,566	$8,453
	October 1 to June 30	$18,473	$8,959	$27,433
Kenai River below Skilak Lake	July 1 to September 30	$4,887	$3,566	$8,453
	October 1 to June 30	$18,473	$8,959	$27,433
TOTAL		$101,204	$54,259	$155,463

2015				
		KPB	USGS	TOTAL
Grouse Creek near Seward	July 1 to September 30	$5,354	$3,566	$8,920
	October 1 to June 30	$19,955	$8,959	$28,915
Snow River near Seward	July 1 to September 30	$5,354	$3,566	$8,920
	October 1 to June 30	$19,955	$8,959	$28,915
Anchor River near Anchor Point	July 1 to September 30	$1,757	$1,170	$2,927
	October 1 to June 30	$6,652	$2,986	$9,638
Kenai River at Cooper Landing	July 1 to September 30	$5,354	$3,566	$8,920
	October 1 to June 30	$19,955	$8,959	$28,915
Kenai River below Skilak Lake	July 1 to September 30	$5,354	$3,566	$8,920
	October 1 to June 30	$19,955	$8,959	$28,915
TOTAL		$109,644	$54,259	$163,903

2016				
		KPB	USGS	TOTAL
Grouse Creek near Seward	July 1 to September 30	$5,844	$3,566	$9,410
	October 1 to June 30	$21,511	$8,959	$30,470
Snow River near Seward	July 1 to September 30	$5,844	$3,566	$9,410
	October 1 to June 30	$21,511	$8,959	$30,470
Anchor River near Anchor Point	July 1 to September 30	$1,918	$1,170	$3,088
	October 1 to June 30	$7,170	$2,986	$10,157
Kenai River at Cooper Landing	July 1 to September 30	$5,844	$3,566	$9,410
	October 1 to June 30	$21,511	$8,959	$30,470
Kenai River below Skilak Lake	July 1 to September 30	$5,844	$3,566	$9,410
	October 1 to June 30	$21,511	$8,959	$30,470
TOTAL		$118,506	$54,259	$172,765

2017				
		KPB	USGS	TOTAL
Grouse Creek near Seward	July 1 to September 30	$6,358	$3,566	$9,924
	October 1 to June 30	$23,145	$8,959	$32,104
Snow River near Seward	July 1 to September 30	$6,358	$3,566	$9,924
	October 1 to June 30	$23,145	$8,959	$32,104
Anchor River near Anchor Point	July 1 to September 30	$2,086	$1,170	$3,257
	October 1 to June 30	$7,715	$2,986	$10,701
Kenai River at Cooper Landing	July 1 to September 30	$6,358	$3,566	$9,924
	October 1 to June 30	$23,145	$8,959	$32,104
Kenai River below Skilak Lake	July 1 to September 30	$6,358	$3,566	$9,924
	October 1 to June 30	$23,145	$8,959	$32,104
TOTAL		$127,812	$54,259	$182,071