

# KENAI PENINSULA BOROUGH

144 North Binkley Street • Soldotna, Alaska 99669-7520

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www.borough.kenai.ak.us

**MIKE NAVARRE  
BOROUGH MAYOR**

## MEMORANDUM

**TO:** Mike Navarre, Borough Mayor

**FROM:** Scott Walden, Emergency Management Director  
Signature: *Scott Walden*

**DATE:** June 26, 2017

**SUBJECT:** **FY18 Joint Funding Agreement for USGS River Gages**

USGS has agreed to increase their cost share by a total of \$15,000 per year for the river gauges we cost share with them. This reduces our cost share accordingly by \$15,000 and keeps all five of the gauges available for emergency and disaster response decisions, planning and early warning. This change reduces KPBS's FY18 cost share from \$91,562 to \$76,563 for FY18 and subsequent FY by \$15,000.

The gauges provide several days' advance notice of stream rise from storms in the Seward area and in an ice dam release at either glacier dammed lake above Snow River (Kenai Lake) or Skilak Lake. The Anchor River gauge provides reference in determining likely road accessibility during high water, which is shared directly with the Road Service Area and KPBSD for bus route considerations and student safety.

Agreements contain an annual escalation clause that has not been exercised by USGS in several years. The agreements and cost share programs are not widely used by other municipalities. The agreements do establish USGS maintenance priority of cost shared gauges, and can result in USGS making physical, on-site measurements to report if gauges are temporarily out of service.

There is no other agency or vendor providing this resource in Alaska except USGS.

The above referenced document is submitted for review and signature as follows:

	Date	Initials
(1) OEM to Legal	<u>6-26-17</u>	<u>SW</u>
(3) Legal to Finance	<u>6-26-17</u>	<u>SGT</u>
(4) Finance to Mayor's Office	<u>6/26/17</u>	<u>BNK</u>
(5) Purchasing	<u>6/26/17</u>	<u>TS</u>
(5) Mayor to Clerk	<u>6/27/17</u>	<u>MN</u>
(6) Clerk to OEM & Legal	<u>6/29/17</u>	<u>MR</u>

FINANCE DEPARTMENT	
FY 18 FUNDS VERIFICATION	
\$ 76,563.00	
Acct. # <u>100.11250.00000.43011</u>	
By: <u>pp</u>	Date: <u>6/26/17</u>



## United States Department of the Interior

### U.S. GEOLOGICAL SURVEY ALASKA SCIENCE CENTER

4210 University Drive  
Anchorage, Alaska 99508-4626

June 23, 2017

Honorable Mike Navarre, Mayor  
Kenai Peninsula Borough  
144 North Binkley  
Soldotna, Alaska 99669  
Attention: Scott Walden

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.

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, 2017 to June 30, 2018	\$76,563	\$45,000	\$121,563

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:

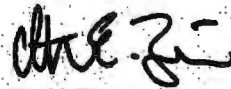
- Operate and maintain the streamgage.
- Maintain datum at the site.
- Record stage data every 15 minutes.
- Make discharge measurements during visits to maintain the stage-discharge rating curve and to define the winter hydrograph.
- Post near real-time stage and discharge data in the USGS online *USGS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

- Publish these data in the USGS online *Annual Water Data Report* from <http://wdr.water.usgs.gov/>.

The Kenai Peninsula Borough will be billed quarterly, beginning September, 2017. The USGS DUNS number is 137825845. 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 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,



Chris Zimmerman  
Director, Alaska Science Center

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

APPENDIX

Annual flood warning gage costs  
State Fiscal Year 2018

*This agreement covers July 1, 2017 through June 30, 2018, only.*

State Fiscal Year 2017	KPB	USGS COOP	TOTAL
Grouse Creek near Seward	\$18,657	\$15,000	\$33,657
Snow River near Seward	\$18,070	\$7,500.00	\$25,570
Anchor River near Anchor Point	\$3,696	\$7,500.00	\$11,196
Kenai River at Cooper Landing	\$18,070	\$7,500.00	\$25,570
Kenai River below Skilak Lake	\$18,070	\$7,500.00	\$25,570
TOTAL	\$76,563	\$45,000	\$121,563

NOTE: Snow River and the two Kenai gages  
receive funding from the USGS NSIP program



Form 9-1366  
(April 2015)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 17WAAK000000008  
Customer#: 6000001104  
Project #: WB00GR1  
TIN #: 92-0030894  
USGS DUNS #: 137845825

Fixed Cost Agreement YES  NO

THIS AGREEMENT is entered into as of the July 1, 2017, by the U.S. GEOLOGICAL SURVEY, Alaska Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Kenai Peninsula Borough party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$45,000 by the party of the first part during the period July 1, 2017 to June 30, 2018
- (b) \$76,563 by the party of the second part during the period July 1, 2017 to June 30, 2018
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of :

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.)

Form 9-1366  
(April 2015)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 17WAAK000000008  
Customer#: 6000001104  
Project #: WB00GR1  
TIN #: 92-0030894  
USGS DUNS #: 137845825

USGS Technical Point of Contact

Name: Jeff Conaway  
Branch Chief of Hydrologic  
Investigating and Monitoring  
Address: 4210 University Drive  
Anchorage, AK 99508  
Telephone: (907) 786-7041  
Fax: (907) 786-7150  
Email: jconaway@usgs.gov

Customer Technical Point of Contact

Name: Mike Navarre  
Honorable Mayor  
Address: Kenai Peninsula Borough 253 Wilson  
Lane  
Soldotna, Alaska 99669  
Telephone: (907) 714-2150  
Fax:  
Email: mnavarre@kpb.us

USGS Billing Point of Contact

Name: Christina Cady  
Budget Analyst  
Address: 4210 University Drive  
Anchorage, AK 99508  
Telephone: (907) 786-7116  
Fax:  
Email: ccady@usgs.gov

Customer Billing Point of Contact

Name: Scott Walden  
Address: Kenai Peninsula Borough 253 Wilson  
Lane  
Soldotna, Alaska 99669  
Telephone: (907) 262-4910  
Fax:  
Email: swalden@kpb.us

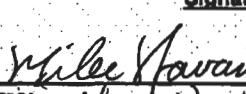
U.S. Geological Survey  
United States  
Department of Interior

Kenai Peninsula Borough

Signature

By  Date: Jun 26, 2017  
Name: Chris Zimmerman  
Title: Director

Signatures

By  Date: 6/27/2017  
Name: M. KEEL NAVARRE  
Title: MAYOR

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title: