



United States Department of the Interior

U.S. GEOLOGICAL SURVEY ALASKA SCIENCE CENTER

4210 University Drive
Anchorage, Alaska 99508-4626

September 8, 2016

Honorable Ruth Knight, Mayor
City of Valdez
212 Chenega Ave.
P.O. Box 307
Valdez, AK 99686

Dear Mayor Knight:

Thank you for your continued interest in the collection of streamflow information for flood warning and flood forecasting on the Lowe River and interest in monitoring in the Valdez Glacier Stream. We have enclosed a Joint Funding Agreement (JFA) to continue the operation of a streamgaging station on the Lowe River in Keystone Canyon and install a new streamgaging station on Valdez Glacier Stream.

The U.S. Geological Survey (USGS) cooperative matching funds allow us to fund a portion of the cost of hydrologic work of mutual interest. Federal cooperative monies are subject to the availability of appropriations on a year to year basis. This Joint Funding Agreement can be modified by a letter of amendment or terminated upon 60 days written notice to either party.

Annual costs to the City of Valdez and U.S. Geological Survey (USGS) are summarized below:

	Valdez	USGS	TOTAL
October 1 2016-Sept. 30 2017	\$34,000	\$34,000	\$68,000
October 1 2017-Sept. 30 2018	\$34,000	\$34,000	\$68,000
October 1 2018-Sept. 30 2019	\$34,000	\$34,000	\$68,000
October 1 2019-Sept. 30 2020	\$34,000	\$34,000	\$68,000
October 1 2020-Sept. 30 2021	\$34,000	\$34,000	\$68,000

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

- Operate and maintain the streamgages.
- 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 to the USGS online to *USGS Water Data for the Nation* from <http://waterdata.usgs.gov/nwis/>.

The City of Valdez will be billed quarterly, beginning December, 2016. 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 Jeff Conaway at 907 786-7041. We appreciate your support of this valuable water resources program.

Sincerely,

Mark Shasby
Director, Alaska Science Center

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