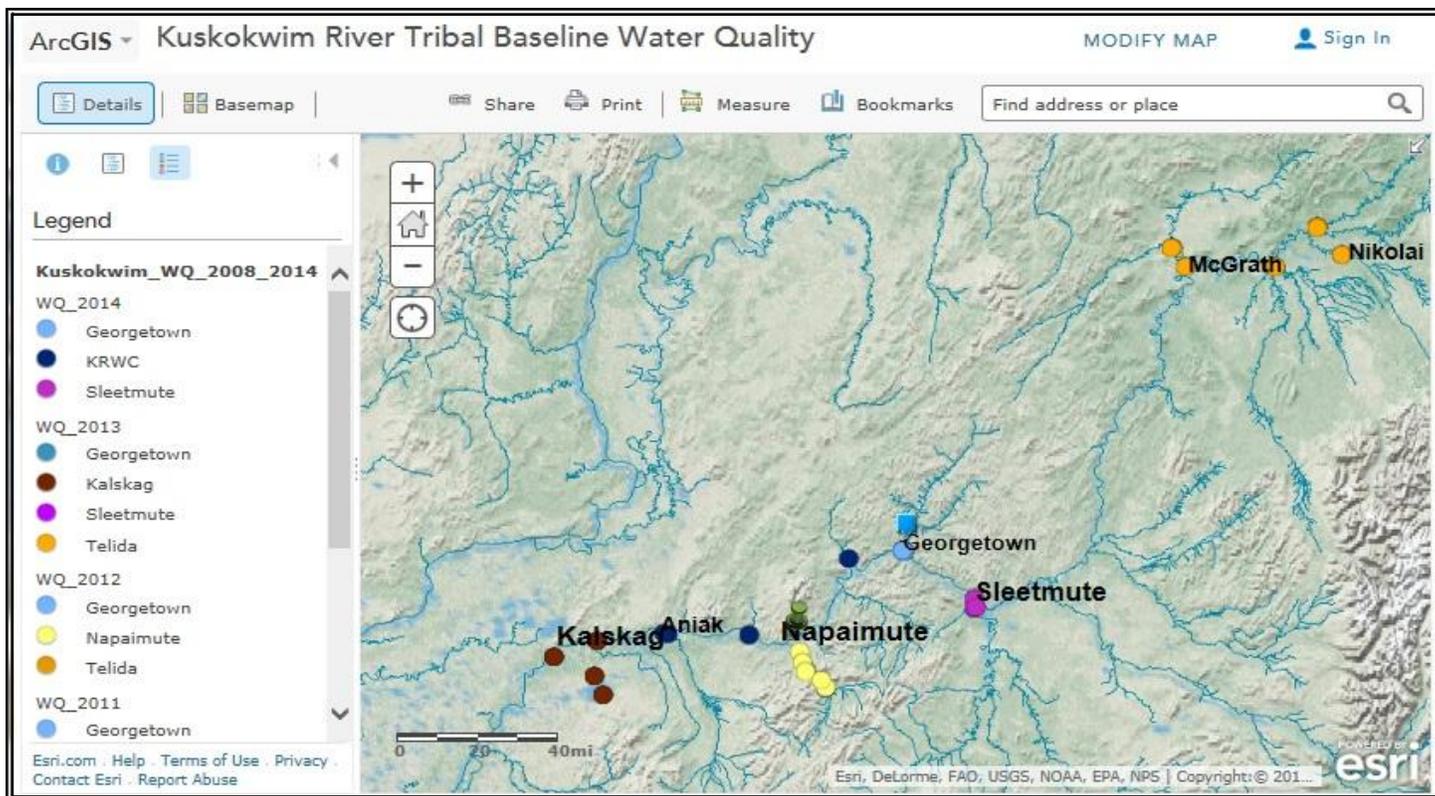


KUSKOKWIM RIVER TRIBAL WATER QUALITY DATABASE & MAP

<http://bit.ly/1o65RfS>



The Georgetown Tribal Council environmental department houses a water quality database and GIS map used to store baseline water quality data for the Kuskokwim River, so that should a decline in water quality conditions occur, we would be able to take action quickly and identify the source of such changes. Use of this database limits the loss of information through turnover by having a centralized location for data storage, easily accessible online.

With the potential development of an open pit gold mine and the recent decline in Chinook salmon runs on the Kuskokwim, water quality data collection is becoming more common—this database and mapping system offers a place to store this information so that it can be viewed as a collective source of tribal data, giving a big picture view of the health of the Kuskokwim River.

SPECIFICATIONS/ ABILITIES

- Arc GIS Version 10.2 Map covering Kuskokwim drainage
- Web mapper (link at top of page)
- Currently entering information such as: pH, temperature, conductivity, DO (dissolved oxygen), metals, total coliforms, SVOC, VOC
- Linked from www.georgetowntc.com, could be linked from your websites as well
- Simply submit data in Excel format to IT specialist at GTC, and view your data online with the rest of the Kuskokwim region
- Contributing villages include: Kalskag, Napaimute, Chuathbaluk, Georgetown, Sleetmute and Telida. KRWC and Aniak data collection is currently in progress and should be included on map by this winter.

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Interested in Contributing Water Quality Data From Your Community?

The Georgetown Tribal Council environmental department worked with the KRWC in 2008 to create a map and database that could house water quality for all tribes on the middle Kuskokwim River.

Since then, the database has grown to include water quality data from five communities: Kalskag, Napaimute, Georgetown, Sleetmute, and Telida. We are currently adding water testing sites and data to the database and map for the KRWC, Chuathbaluk, and Aniak.

Our goal now is to incorporate baseline water quality data from **all villages along the Kuskokwim River**. We are continually expanding our data set, giving everyone on the river the capability to compare water quality along the river, and we'd like to include your community too!

Information already in the database includes but is not limited to baseline data for parameters such as pH, temperature, conductivity, dissolved oxygen, turbidity, salinity, and total metals. Water quality data is important individually but it can become a very powerful tool when all of the data is gathered and used in conjunction with today's technology. When put together, the baseline data is used to create a larger picture of what is happening along the entire River. With impending development of mines and other economic development in the area, water quality data monitoring is more important now than ever. This database allows for the communities along the river to have an independent data source to identify impacts from planned and future activities that have the potential to cause water quality changes.

Please consider contributing your water quality data to this database. Tribal governments have a right to self-governance and by collecting this data and merging it into a cohesive, useable format; we are exercising this right by taking a proactive approach to independently track the health of our River. You can view the current map at this website: <http://bit.ly/1o65RfS>

For more information on how to incorporate your Tribe's data, contact Kate Schaberg at kate.schaberg@georgetowntc.com or by phone at 907-274-2195.

