

**Napakiak Erosion Meeting- US EPA Indian Environmental General Assistance
Program (IGAP) Program Activities**

Atwood Building, Conf room 1270 Anchorage

August 1, 2018

Napakiak GAP:

With GAP, the Tribe staked the shoreline 2 years ago. Unfortunately, the erosion quickly surpassed the markers that were placed every 50 feet along the bank. This year, the Tribe has focused on maintenance of solid waste system, and conducting a cleanup effort for Napakiak to continue to sort out the recyclable waste and prepare universal wastes for backhaul. The Tribe is addressing air quality and road dust issues. Also, focus is going into developing baseline water quality data for drinking water. Lastly, the Tribe is planning to move the tank, and has some end of year GAP grant funds to contribute.



AVCP GAP:

Association of Village Council Presidents (AVCP) is completing the development of a regionwide QAPP for water quality for 5 surrounding villages that will include Napakiak. The repository for this data will be the AK Healthy Communities site that they will coordinate with ANTHC.

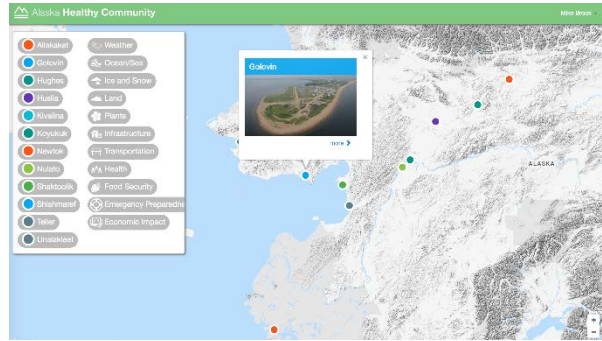
ANTHC GAP:

Many people are witness to extreme weather and unusual environmental events. With the ANTHC LEO Network, ANTHC organizes and edits descriptions of events in text and on web-based maps about significant events where they happen. Using the LEO Reporter app, Napakiak can prepare and send observations from the field regarding the shoreline and other topics. The network includes topic experts in local and indigenous knowledge as



well as scientists. Observations are compared to identify emerging trends to understand our changing world. Monthly teleconference calls with GAP grantees statewide are a great opportunity for collaboration <https://www.leonetwork.org>

This summer 2018, ANTHC will work with AVCP and Napakiak Tribe to populate a website for Napakiak in the Alaska Healthy Communities web platform. Through this project, ANTHC will provide a brief background about the community, incorporate some of their local priorities, information for local contacts, and resources. Some of the *Priorities* identified will include a summary of the issue, photos and any news articles that may be relevant. The



Contacts will include information about local contacts who will serve as page Administrators/Editors, as well as Partners. Local representatives will be trained to use the system. The *Resources* page will be somewhat of an archive for Napakiak and include documents, reports, plans and direct access to publicly available data and maps, etc. <http://akhealthycommunity.org>.

ANTHC time lapse camera project uses time lapse cameras located in Alaska communities to monitor change over long time periods. Typically, the cameras are mounted at sites selected by local partners and take one image per day. The images are then compiled into videos that help to evaluate important local topics like erosion, and environmental indicators such as weather, seasonal change, infrastructure, vegetation, ice conditions and water level. This Google Map provides location of cameras, still images of vantage points, and links to videos located on the Local Environmental Observer (LEO) Network YouTube Channel. ANTHC will work with Napakiak on technical set-up guidance, troubleshooting and photo archiving to the community camera map. ANTHC does have a camera already that will be provided at to Napakiak and provide assistance: <https://www.leonetnetwork.org/en/leo/hubpage/ALASKA?show=community-cameras>

US EPA Alaska Tribal Program Resources:

Thru an internship at US EPA Alaska Operations Office, under Tribal Program supervision from Michelle Davis, an important resource was developed in 2012 for Alaska Tribes, called:

Erosion Resources: Creating A Road Map Programming and Assistance For Tribal Governments.

The publication lists several best practices and resources for grant funds, agency program contacts and much more.



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