

Nunavut Research Institute
Research Activity Report 2021
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Objective for Research 2021:

The two structures at the POLAR camp serve as emergency shelters for both POLAR staff, as well as Cambridge Bay community members. Depending on COVID-19-related guidelines and restrictions, starting in May 2021, the POLAR camp will be prepared for the start of the summer field season by checking and fixing the possible damage to the existing structures that may have occurred during the winter. In June 2021, the summer field season activity will start in the camp. All-season individual tents will be installed in the camp. POLAR will continue a range of field research activities, and if allowed into Nunavut, visiting research scientists, their graduate students, and northern students will come to Cambridge Bay to conduct this research. Most of the research activities, as well as the deployed scientific instrumentation are on the northern shore of Greiner Lake within the CHARS Intensively Monitored Area (IMA).

Research conducted during 2021:

Due to the COVID-19 restrictions and staffing changes the Camp on Greiner Lake was not used for overnight stays in 2021. However, the camp was visited during day trips on Greiner Lake and continued to serve as an emergency shelter. Research conducted included collecting water samples from Greiner Lake in order to study invertebrate biodiversity.

Plans for 2022:

The use of the POLAR camp on Greiner Lake in 2022 will be similar to 2021. POLAR will continue a range of field research activities, and visiting research scientists, their graduate students, as well as northern students will have access to this facility. Most of these research activities, as well as the servicing of deployed scientific instrumentation are on the northern shore of Greiner Lake in the IMA.