# ᐊᑯᐅᖅᑕᖅᑐᒥᑦ ᓱᒃᔭᓕᕆᔾᑯᑦ – ᐃᒡᓗᓕᒑᕿᔭᒃ ᓄᓇᓕᖕᒥᑦ ᐊᐅᔭᒃᑯᑦ ᐱᓕᕆᐊᖃᕋᐅᔪᒥᑦ ᐱᓕᕆᓂᑦ

ᓴᒡᒐᔩᑦ – ᐅᑭᐅᓛᑦ
2025-ᒥᑦ
ᖃᓄᐃᖓᓂᐅᔪᑦ

- ᐊᐅᔭᖅ ᐱᓕᕆᓚᐅᖅᑐᑦ ᐃᒡᓗᓕᒑᕿᔮᑉ ᖃᓂᑖᓂᑦ, ᓄᓇᕗᒻᒥᑦ ᐊᑯᓐᓂᖓᓐᓂᑦ ᓴᒡᒐᔩᑦ 23 ᐊᒻᒪᓗ ᐅᑭᐅᓛᑦ 16, 2025-ᒥᑦ

ᐱᔭᒃᓴᐅᑎᐅᔪᑦ ᐅᑭᐅᖑᔪᒥᑦ ᐃᒪᓐᓇᐃᓐᓂᐊᕐᓗᓂ:

- ᐊᖏᒡᓕᒋᐊᖅᑕᐅᓂᖓ ᑭᒡᓕᒋᔭᐅᔪᓕᕆᓂᕐᒧᑦ ᐱᒋᐊᓚᐅᖅᑐᖅ 2023-ᒥᑦ, ᕿᒥᕐᕈᔭᐅᕗᑎᒃ ᒪᓕᒃᑕᐅᔫᓯᐃᑦ ᐊᒻᒪᓗ ᐊᔪᕈᓐᓃᖅᓴᖅᑕᐅᕗᑎᒃ ᐱᓕᕆᔩᑦ
- ᐱᓕᕆᐊᕆᓗᒍ ᖃᐅᔨᓴᐃᓂᖅ ᐊᑐᕐᓗᒋᑦ ᐊᑕᐅᓯᐅᖓᓕᖅᓯᒪᔪᑦ ᐊᑐᖅᑕᐅᓲᓂᒃ ᐃᓂᐅᔪᓂᑦ ᓂᕈᐊᖅᑕᐅᔪᓂᒃ ᐊᕿᒡᒋᖅ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓄᑦ
- ᑲᑎᕐᑎᓗᑎᒃ ᐊᕙᑎᒥᑦ ᓈᓴᐅᑎᓂᒃ/ᑎᑎᖅᑲᓂᒃ ᐃᒪᕐᒧᑦ (ᓂᒡᓕᓇᕐᓂᖓ/ᑕᓇᐅᓇᖓᓂᖓ) ᐊᑐᓂ ᐃᓂᐅᔪᓂᑦ
- ᑲᑎᕐᑎᓗᑎᒃ ᐃᖃᓗᖕᓂᑦ ᖃᐅᔨᓴᕐᓂᐊᕐᓗᒋᑦ ᐆᒪᓂᖃᐅᖅᑐᑦ, ᓂᕆᖃᑦᑕᖅᑕᖏᑦ, ᐊᒻᒪᓗ ᐃᓂᐅᔪᓂᒃ ᐊᑐᖃᑦᑕᕐᓂᖏᓐᓂᑦ
- ᑲᑎᕐᑎᓗᑎᒃ ᑭᖑᕋᓗᖕᓂᑦ ᑕᓇᐅᑉ ᐃᒪᖓᑕ ᐊᓗᐊᓂᑦ ᐆᒃᑐᕋᕈᑕᐅᓂᐊᖅᑐᓂᒃ ᖃᐅᔨᓴᕐᓂᐊᕐᓗᒋᑦ ᐃᓂᒋᖃᑦᑕᖅᑕᖕᒋᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᓱᒃᔭᓂᑦ
ᐱᓕᕆᔨᐅᔪᑦ ᖁᔭᓐᓇᒦᖅᑕᖕᒋᑦ
ᐊᕿᒡᒋᖅ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᑦ
ᐃᑲᔪᓚᐅᕐᒪᑕ ᐊᐅᔭᖅ ᐊᒻᒪᓗ
ᐊᒃᓱᕈᖅᓱᑎᒃ ᐱᓕᕆᓚᐅᖅᑐᓂᑦ
ᓴᐃᒪᓐ ᐊᒡᒐᒃ, ᐃᐅᓇᓐ ᐊᓗᕈᑦ,
ᐊᒻᒪᓗ ᒪᐃᒃ ᓯᒥᒃ
ᐊᐅᔭᐅᓚᐅᖅᑐᒥᑦ

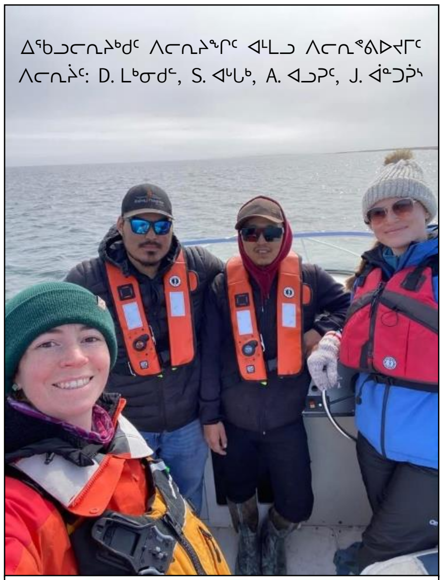
Qujannamik! ᖁᔭᓐᓇᒦᒃ!

## ᐱᓕᕆᐊᕐᕕᔪᒥᑦ ᐱᔾᔪᑎᖃᖅᑐᑦ

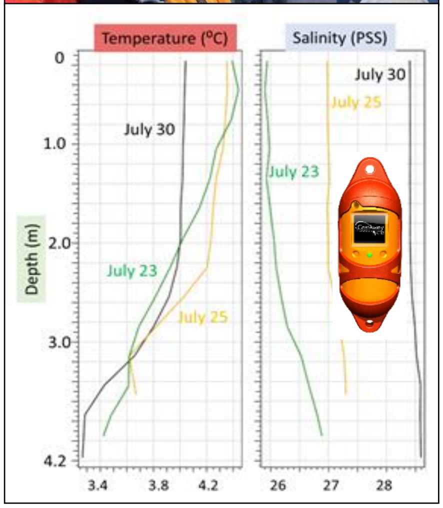
- ᐱᓕᕆᔩᑦ ᐱᐊᓂᓚᐅᖅᑐᑦ ᐅᐸᓗᓂᑦ ᐱᓕᕆᕝᕕᒋᔭᕐᒋᓐᓂᑦ ᐱᖓᓱᑦ ᐃᓂᐅᔪᓂᑦ ᓂᕈᐊᖅᑕᐅᓚᐅᖅᑐᓂᒃ ᐊᕿᒡᒋᖅ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓄᑦ ᐊᒻᒪᓗ ᐆᒃᑐᕋᖅᑕᓚᐅᖅᓯᒪᔪᓂᑦ ᐅᑭᐅᓂᑦ ᐊᓂᒍᖅᓯᒪᔪᓂᑦ
- ᐃᖃᓗᐃᑦ, ᑭᕝᕌᓗᐃᑦ ᐊᒻᒪᓗ ᐊᕙᑎᒧᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ ᑲᑎᑕᐅᓚᐅᖅᑐᑦ ᑕᒪᕐᒥᒃ ᐱᖓᓱᐃᑦ ᐃᓂᐅᔪᓂᑦ
- 19 ᐃᖃᓗᒃᐱᒃ, 17 ᐊᑯᑭᑦᑐᖅ ᐆᒐᖅ, ᐊᒻᒪᓗ 17 ᑲᓇᔪᐃᑦ ᐱᔭᐅᓚᐅᖅᑐᑦ ᐆᒃᑐᕋᐅᑕᐅᓂᐊᖅᑐᓂᒃ (ᓂᕿᖏᓐᓂᑦ, ᐊᕿᐊᕈᖏᓐᓂᑦ, ᐊᒻᒪᓗ ᓱᐅᑎᖏᓐᓂᑦ ᐅᑭᐅᖏᑦ ᖃᐅᔨᔭᐅᓂᐊᕐᓗᑎᒃ)
- ᐃᒪᕐᒥᑦ ᖃᐅᔨᓴᐃᔾᔪᑎᒃᑯᑦ ᐱᓚᐅᖅᑐᑦ ᑕᓇᐅᑉ ᐃᒪᖓᓂᑦ ᖃᓄᐃᓕᐅᕐᓂᓇᔾᖓᓄᑦ ᓈᓴᐅᑎᓂᒃ/ᑎᑎᖅᑲᓂᒃ ᑕᒪᐃᓐᓂᑦ ᐃᓂᐅᔪᓂᑦ
- ᓄᖅᑲᖃᑦᑕᖅᓱᓂ ᐊᔾᔨᓕᐅᕈᑎᒥᒃ ᐋᖅᑭᒃᓯᓚᐅᖅᑐᑦ ᐊᔾᔨᓕᐅᕆᓂᐊᖅᑐᒥᒃ ᓱᑯᕙᓪᓚᐊᔪᒥᑦ ᐊᒻᒪᓗ ᓱᑯᐃᑦ ᓱᕐᑯᑉᑎᖅᐸᓪᓚᐊᑎᓪᓗᒋᑦ ᐅᐸᓗᐃᑦ ᐊᓂᒍᖅᐸᓪᓚᐊᔪᑎᒍᑦ (ᐊᑕᐅᓯᖅ ᐊᔾᔨᒥᑦ 12 ᐃᑲᕿᑕᓖᑦ)
- 45 ᐊᓗᐊᓂᑦ ᐱᔭᐅᔪᓂᑦ ᐆᒃᑐᕋᕈᑏᑦ ᖃᐅᔨᓴᕈᑕᐅᓂᐊᖅᑐᑦ ᑕᓇᐅᑉ ᐊᓗᐊᓂᑦ ᐃᓂᒋᔭᐅᔪᓂᑦ ᐃᓚᒋᔭᐅᕐᓗᓂ ᐱᓕᕆᖃᑎᒌᖕᓂᖏᓐᓄᑦ ᓯᓚᑦᑐᖅᓴᖃᒡᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ
- ᖃᓄᐃᖓᓂᐅᔪᑦ ᒥᒃᓵᓄᑦ ᑲᑎᒪᖃᑎᒋᔭᐅᓂᐊᕐᓗᑎᒃ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᑦ ᐊᒻᒪᓗ ᐅᑭᐅᒃᑯᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᓄᑦ ᐸᕐᓇᐅᑕᐅᔪᑦ ᐊᕗᖓᓂᕝ 2026-ᒥᕐ!

ᐃᖃᓗᐃᑦ ᒪᑎᑕᐅᑎᒃᑯᑦ ᐱᔭᐅᕐᑲᑦᑕᖅᓘᑎᒃ ᖃᓂᑖᓂᑦ ᓄᓇᓕᐅᑉ, ᐃᓗᖕᒋᓐᓂᑦ ᐲᖅᓯᕚᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᑕᐅᓗᑎᒡᓗ ᑐᑭᓯᐊᒃᑲᓐᓂᕐᓂᐊᕐᓗᒋᑦ ᓂᕆᖃᑦᑕᖅᑕᖏᑦ

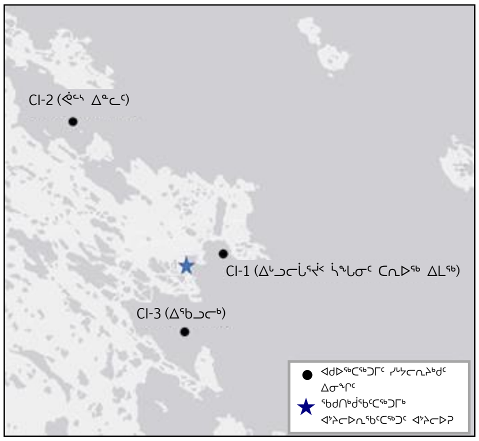
ᐊᓗᐊᓂᑦ ᐱᔭᐅᔪᑦ ᒪᕿᐃᑦ ᐊᒻᒪᓗ ᑭᖑᕋᓗᐃᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᑭᒡᓕᒋᔭᐅᔪᓂᒃ ᓈᓴᐅᑎᓕᐅᕐᓂᐊᕐᓗᑎᒃ/ᑎᑎᖅᑲᐅᑎᓕᐅᕐᓂᐊᕐᓗᑎᒃ ᐆᒪᓂᖅᑯᓄᑦ ᐊᒻᒪᓗ ᐃᓂᖏᓐᓄᑦ



ᐃᖃᓗᓕᕆᔾᑯᑦ ᐱᓕᕆᔾᖏᑦ ᐊᒻᒪᓗ ᐱᓕᕆᕝᕕᐅᔪᒥᑦ ᐱᓕᕆᔩᑦ: D. ᒪᒃᓂᑯᓪ, S. ᐊᒡᒐᒃ, A. ᐊᓗᕈᑦ, J. ᐋᓐᑐᕈᔅ



ᖃᐅᔨᓴᐃᔾᔪᑎᒥᑦ ᐊᑐᕐᓗᑎᒃ ᖃᐅᔨᓴᖅᑕᐅᓗᓂ ᓂᒡᓕᓇᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᑕᓇᐅᒋᖕᓂᕐᒧᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ 1 ᒦᑕᑖᓂᒃ ᐃᑎᓂᕐᓂᑦ ᐱᔭᐅᓂᐊᖅᑐᓂᒃ ᐱᖓᓱᑦ ᐅᐸᓗᕐᓂᑦ ᐃᓂᐅᔪᒥᑦ CI1-ᒥᑦ



ᐃᓂᐅᔪᑦ ᓂᕈᐊᖅᑕᐅᓚᐅᖅᑐᑦ ᐊᕿᒡᒋᖅ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ

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Darcy McNicholl@dfo-mpo.gc.ca

# ARCTIC COAST - CHESTERFIELD INLET
# COMMUNITY-BASED SUMMER FIELDWORK

JULY—OCT
2025
RESULTS

- The summer fieldwork was conducted near Chesterfield Inlet, NU between July 23rd — October 16th, 2025

The objectives this year were to:

- Expand on baseline work started in 2023, review protocols and provide training to technicians
- Complete a survey using standardized methods at sites chosen by the AHTO
- Collect environmental data for water (temperature/saltiness) at individual sites
- Collect fishes to investigate biodiversity, diet, and habitat use
- Collect invertebrates from the sea floor and sediment samples to study their habitat

**The Arctic Coast team thanks the Aqigiq Hunters and Trappers Organization for their support this summer and the hard work of technicians**
**Simon Aggark, Aaron Alogut, and Mike Simik**
**this season**

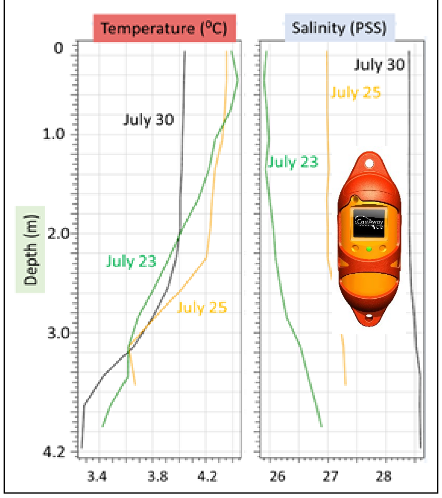
**Qujannamik! Thank You!**

## Project Highlights

- Technicians completed days of field work at 3 sites that were chosen by the AHTO and sampled in previous years
- Fish, invertebrates and environmental data were collected at all 3 sites
- 19 Arctic Char, 17 Greenland Cod, and 17 Shorthorn Sculpin were captured these will be processed for samples (tissues, stomach, and otoliths for ageing)
- Water profiler collected ocean chemistry data at all sites
- Timelapse camera set up to take pictures of the ice formation and breakup over time (1 photo ever 12 hours)
- 45 bottom grab samples will be used to study the seafloor habitat as a part of a collaboration with the University of Manitoba
- Results meeting with the HTO and community and winter fieldwork planned for February 2026!

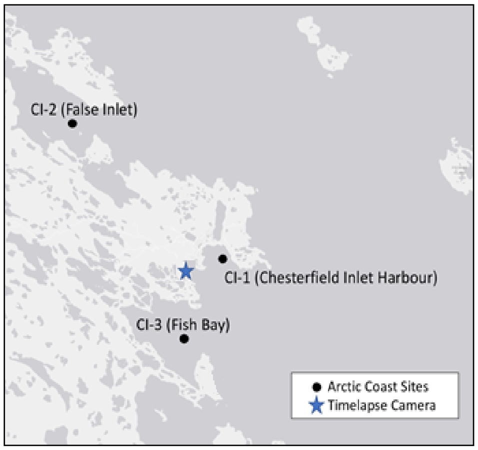
DFO staff & Field Crew: D. McNicholl, S. Aggark, A. Alogut, J. Andrews

Fishes collected by gillnet near town, to be dissected and studied to better understand the food web



CTD Castaway temperature and salinity data at every 1m depth taken on 3 dates at site CI1

Bottom grabs of mud and invertebrates will be used to create baseline data of biodiversity and habitats



Sites selected by the Aqigiq HTO

Fisheries and Oceans Canada
Pêches et Océans Canada

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