



Ekaluktutiak Hunters & Trappers Organization

P.O. Box 1270 Cambridge Bay, Nunavut, X0B 0C0

Telephone #: (867) 983-2426 or 983-2428 Facsimile #: (867) 983-2427

Email: cambay@krwb.ca

Approval of Hunters and Trappers Organization

This is in support of Bonnie Hamilton to assess emerging chemical contaminants and other priority pollutants, including but not limited to, plastic particles, plastic-derived contaminants, flame retardants, mercury, etc., in the Cambridge Bay Area.

Project title: Assessing the role of thawing permafrost on contaminant loads in Arctic char and their critical habitats.

The main focus of this work is to continue evaluating emerging contaminants in important fish and their habitats in the Cambridge Bay area. This work is a continuation of the ongoing partnership between the EHTO, Fisheries and Oceans Canada, and Bonnie Hamilton.

The objectives of this research are to:

- 1) Assess environmental matrices, e.g., water, permafrost, to evaluate microplastic, plastic-derived contaminants, and other emerging contaminants of concern identified by community partners.
- 2) Assess contaminant patterns between abiotic samples and Arctic char tissues to better understand the role thawing permafrost has on the transport of emerging contaminants, including microplastics, plastic additives, and other contaminants of concern identified by community partners.

The timeline of this work includes:

- 1) *Field sampling, early season and late season as identified by community partners in starting in 2025 and continuing through 2026 and 2027.*
- 2) *Community consultations* – Continue to meet with the EHTO board throughout the year to identify sampling locations, time of year, and contaminants and sources of concern.
 - a. Continue to attend the EHTO annual general meeting to present updates, gain feedback, and adjust objectives to meet community interests and needs – winter 2024-2026
- 3) *Annual reports* – Continue to provide annual progress reports and posters to the EHTO

Applicant and Affiliation: Bonnie M. Hamilton, Postdoctoral Research Scientist, Environment and Climate Change Canada

Ph. (231) 622-2872, E: bonniemhamilton@gmail.com ; bonnie.hamilton@ec.gc.ca

By signing this page, the Chair or Manager of the affected Hunters and Trappers Organization Indicates that the applicant has fully informed the HTO about the nature of the project and that the HTO supports or does not this project.

Regards,

Beverly Maksagak
Manager