

Project Dashboard

'Kaujivalliajut nillikulunnik | Getting to know little geese.' (149833)

Proposal Status: Conformity Determination Issued

Project Overview

Type of application: **New**

Proponent name:	Meredith Purcell
Company:	Torngat Wildlife, Plants and Fisheries Secretariat

Schedule:

Start Date:	2022-07-25
End Date:	2022-10-31
Operation Type:	Seasonal

Project Description:

This project aims to 'get to know' a new arrival to Nunatsiavut- a small to medium-bodied goose locally known as the lesser/little goose (Canada Goose - *Branta Canadensis*, Cackling Goose - *Branta hutchinsii*). These geese are smaller than the usual geese that arrive to summer in Labrador each year. They also have a distinct call, behavior, and migration timing that can easily distinguish these newcomers from other similar birds in the area. Community members throughout Nunatsiavut have raised questions about these geese, primarily because we do not know where they are coming from or what threat they may face elsewhere across their annual range. The work includes a focus on enhancing capacity within Nunatsiavut through various training opportunities so that communities and community members may take an active and value role in conducting scientific research using a variety of methods. Genetics and stable isotope are commonly used in monitoring wildlife, and will be combined to determine where medium-bodied geese are coming from. Harvesters in Labrador have been collecting samples for the past eight years to help answer their research questions. Reference samples (ex. white checked geese feathers) submitted by harvesters (refer to communities on map) and researchers (refer to migratory bird sanctuaries on map) are being collected in Nunavut to assist with the identification of the source population and unravel some of the mystery surrounding this species (i.e. where are they coming from). Data will be compared to samples collected by Inuit harvests in Labrador.

Personnel:

Persons:	3
Days:	10

Project Map

List of all project geometries:

ID	Geometry	Location Name
9135	point	Bylot Island Bird Sanctuary
9136	point	Queen Maud Gulf Migratory Bird Sanctuary
9137	point	Dewey Soper (Isulijarnik) Migratory Bird Sanctuary
9138	point	East Bay Bird Sanctuary
9139	point	Iqaluit
9140	point	Pond Inlet
9141	point	Kugluktuk
9142	point	Rankin Inlet

9143	point	Coral Harbour
9144	point	Cambridge Bay
9145	point	Arviat
9146	point	Igloolik
9147	point	Whale Cove
9148	point	Baker Lake
9149	point	Kinngait
9150	point	Sanikiluaq
9151	point	Naujaat
9152	point	Taloyoak
9153	point	Arctic Bay
9154	point	Kimmirut
9155	point	Grise Fiord
9156	point	Sanirajak
9157	point	Clyde River
9158	point	Resolute
9159	point	Gjoa Haven
9160	point	Pangnirtung
9161	point	Kugaaruk
9162	point	Qikiqtarjuaq
9163	point	Harry Gibbons
9164	point	Chesterfield Inlet
9165	point	Nanisivik
9166	point	Umingmaktok

Planning Regions:

Qikiqtani

Kivalliq

Kitikmeot

Affected Areas and Land Types

Inuit Owned Surface Lands

Municipal

Established National or Territorial Park

Settlement Area

North Baffin Planning Region

Keewatin Planning Region

Keewatin Migratory Bird Sanctuary

Southampton and Coats Island

Project Land Use and Authorizations

Project Land Use

Scientific Research

Licensing Agencies

CWS: [Migratory Bird Sanctuary permit under the Migratory Bird Sanctuary Regulations](#)

CWS: [Scientific permit under the Migratory Bird Regulations](#)

GN-DOE: 0

NIRB: 0

Other Licensing Requirements

No data found.

Material Use

Equipment

Type	Quantity	Size	Use
Paper Envelopes	200	5 in x 10 in	Collect goose feathers for isotope and genetic analysis
Envelopes	50	9 in x 12 in	Collect harvester samples

Fuel Use

Type	Container(s)	Capacity	UOM	Use
No records found.				

Hazardous Material and Chemical Use

Type	Container(s)	Capacity	UOM	Use
No records found.				

Water Consumption

Daily Amount (m ³)	Retrieval Method	Retrieval Location
0		

Waste and Impacts

Environmental Impacts

No waste generated. All envelopes (used and unused will be shipped back to Labrador). All collections done opportunistically by researchers (who are already doing work in the area and have approvals for their own research components) and harvesters (as a part of regular harvesting activities).

Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
No data found.			