



## WILDLIFE RESEARCH PERMIT APPLICATION FORM

If you are researching, observing, and/or handling wildlife in the Northwest Territories (NWT) you need to have the proper permits and licences. This applies to everyone, including government agencies, and is intended to avoid harm to NWT natural, social and cultural environments.

Your application must include:

- ✓ Cover letter, which includes:
  - Project title
  - One-line summary
  - Wildlife species that will be studied, observed or manipulated
  - Location of study area
  - Signature and contact information
- ✓ Completed permit application
- ✓ Signed recommendation form(s)
- ✓ Supporting notes and correspondence detailing consultation process

For further instructions and how to submit your application, go to: [www.ecc.gov.nt.ca](http://www.ecc.gov.nt.ca). If more space is required, please attach additional pages.

## FORMULAIRE DE DEMANDE DE LICENCE AUTORISANT LA RECHERCHE SUR LA FAUNE

Si vous faites des recherches sur la faune, de l'observation ou de la manipulation d'animaux de la faune aux Territoires du Nord-Ouest (TNO), vous devez détenir les licences et les permis appropriés. Cette mesure s'applique à tout le monde, y compris aux organismes gouvernementaux, et vise à éviter les dommages qui pourraient être causés aux milieux naturels, sociaux et culturels des TNO.

Votre demande doit comprendre :

- ✓ Une lettre de présentation indiquant :
  - Le titre du projet;
  - Un résumé d'une ligne;
  - Les espèces sauvages qui seront étudiées, observées ou manipulées;
  - L'emplacement de la zone d'étude;
  - Votre signature et vos coordonnées.
- ✓ La demande de licence dûment remplie.
- ✓ Le(s) formulaire(s) de recommandation signé(s).
- ✓ Les pièces justificatives et la correspondance décrivant en détail le processus de consultation.

Pour obtenir de plus amples renseignements sur la façon de présenter votre demande, accédez au site Web suivant : [www.ecc.gov.nt.ca/fr](http://www.ecc.gov.nt.ca/fr). Si vous avez besoin de plus d'espace, veuillez ajouter les pages nécessaires.

Check One / Cochez une seule réponse : ☐ New Project / Nouveau projet ☐ Ongoing Project / Projet en cours

Address: (Include name, phone number and e-mail)

Adresse : (Inclure votre nom, numéro de téléphone et adresse courriel)

Jan Adamczewski and Judy Williams

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(867) 767-9237 ext. 53223 or 53224

Sponsor(s): (Organizations supporting your work)

Commanditaire(s) : (organismes qui soutiennent votre travail)

GNWT, Environment and Climate Change, Wildlife Division

Funding Source(s): (Organizations providing financial help to work)

Source(s) de financement : (organismes qui vous apportent une aide financière)

GNWT, Environment and Climate Change, Wildlife Division

Additional Licences Required:

Licences supplémentaires requises :

NWT Wildlife Care Committee Permit for capture/collaring caribou.

Nunavut Wildlife Research Permit application to cover any possible collaring or composition flying that may be in NU during the spring (March) and fall (October) surveys.

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| <p>Project Title: (10 words or less)<br/> Titre du projet : (10 mots ou moins)</p> <p>Biological monitoring of the Bathurst, Bluenose-East, and Beverly caribou herds.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>Rationale: (100 words or less)<br/> Explication : (100 mots ou moins)</p> <p>Monitoring actions are undertaken for barren-ground caribou herds in the North Slave region on an annual basis or at regular intervals to assess herd status and the effectiveness of management actions.<br/> Monitoring actions include: maintaining collar numbers of 70 (50 cows, 20 bulls) on the Bathurst and Bluenose-East (BNE) herds and 50 (30 cows, 20 bulls) on the Beverly herd and conducting composition surveys in October (fall rut) and March (late winter).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>Time Period:<br/> Durée : 1 July 2024 to 1 July 2029</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>Location and Nearest Community: (Provide latitude and longitude if applicable)<br/> Emplacement et collectivité la plus près : (indiquer la latitude et la longitude, le cas échéant)</p> <p>Monitoring areas will extend from Deline, South of Great Bear Lake, Keller Lake and Grandin Lake, and all areas between the communities of Behchoko, WhaTi, Gameti, Wekweeti, Dettah, Lutsel K'e and the area between Great Slave Lake and the mining locations of Snap and Kennady Lake, and over to Aylmer Lake, Clinton-Colden, and Artillery Lake to Whitefish Lake and possibly Penylan Lake. This large area is involved because the fall and winter ranges of the 3 herds (Bathurst, Bluenose-East and Beverly) span a large part of the NWT.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Species Studied: Barren-ground caribou<br/> Espèces étudiées :</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>Project Leader: Jan Adamczewski and Judy Williams<br/> Chef de projet :</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>Project Personnel: (Include people who would actually do the work in the NWT, volunteers included)<br/> Participants au projet : (inscrire les personnes qui accompliraient le travail aux TNO, y compris les bénévoles)</p> <p>ECC North Slave regional staff<br/> Other ECC staff as needed from HQ and regions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Objectives: (Please use point form)<br/> Objectifs : (veuillez utiliser le style télégraphique)</p> <ul style="list-style-type: none"> <li>- To acquire location data from satellite collars currently deployed on up to fifty (50) cows and twenty (20) bulls on each of the Bathurst and Bluenose-East Caribou herds, and thirty (30) cows and twenty (20) bulls for the Beverly herd.</li> <li>- To estimate fall sex ratio and calf:cow ratio for the Bathurst, Bluenose-East and Beverly herds in late October/beginning of November (peak of rut).</li> <li>- To estimate calf:cow ratios in late winter (usually March) for the Bluenose-East, Bathurst and Beverly herds.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>Methods: (100 words or less) (Cite references, if applicable)<br/> Méthodes : (100 mots ou moins) (veuillez citer vos références, le cas échéant)</p> <p>Experienced helicopter net-gun capture crews (pilot, net-gunner and handler) are hired to conduct collaring operations. A net-gun is fired over the isolated caribou cow or bull. Pursuit times are kept short (less than 1 min of running) and handling times last 15 minutes or less. No immobilizing drugs will be used. All capture operations strictly comply with the NWT Wildlife Care Committee (NWTWCC) Caribou Capture Standard Operating Procedure (SOP). Blood, hair and fecal samples are collected to assess pregnancy status and for other testing and possible genetic studies. All collars deployed have a breakaway device that drops the collar on the ground at a pre-determined time. The caribou does not need to be handled again.</p> <p>Satellite collars transmit locations throughout the year. These locations for the Bathurst herd are mapped and used during the hunting season to create boundaries for the mobile conservation zone. Collar locations are also used for many other applications, including assessing caribou response to roads, mines and other developments, monitoring fidelity of caribou to calving grounds and other ranges, estimating annual survival rates, mapping annual calving ranges and other seasonal ranges, designing population surveys and composition surveys, and in-depth ecological studies.</p> <p>Satellite-collared caribou locations will determine the areas to be sampled during composition surveys in October and</p> |

March. Caribou will be classified as calves, cows and bulls from the air with image stabilizing binoculars.

Current Consultation: *(List all contacts you have already consulted; append all recommendation forms to submission)*

Consultation actuelle : *(veuillez dresser la liste de toutes les personnes que vous avez déjà consultées et annexer à votre demande tous les formulaires de recommandation)*

Enhanced monitoring actions for the Bathurst and Bluenose-East caribou, including collars and surveys, were part of joint management proposals from the Tłıchǫ Government and ENR in 2019 that were reviewed and approved by the Wek'eezhii Renewable Resources Board (WRRB). This wildlife research application will be sent to Łutsël K'édé Dene First Nation, Yellowknives Dene First Nation, North Slave Métis Alliance, Northwest Territory Métis Nation, Deninu K'ue First Nation, Sahtú Renewable Resources Board, Délıne ʔehdzo Got'ıne, the Tłıchǫ Government, and WRRB. Consultation on work in NU will occur through the Government of Nunavut's wildlife permit application process and involve regional wildlife organizations such as the Kugluktuk Hunters and Trappers Organization.

Future Community Consultation: *(List anticipated consultation activities, e.g. posters, presentations, meetings, letters)*

Consultations de la collectivité à venir : *(veuillez dresser la liste de toutes les activités de consultation prévues, c'est-à-dire les affiches, les présentations, les rencontres, les lettres, etc.)*

Information collected will be shared with Indigenous governments and communities at least once a year at the times and locations determined by community leaders and co-management boards. In recent years, updates on monitoring of the Bluenose-East herd have occurred at annual early-winter status meetings of the ACCWM (Advisory Committee for Cooperation on Wildlife Management, a group of co-management boards). Updates on Bathurst caribou monitoring have occurred at annual status meetings of the Bathurst Caribou Advisory Committee (BCAC). Updates on monitoring of the Beverly herd have been provided twice annually at meetings of the Beverly and Qamanirjuaq Caribou Management Board (BQCMB).

Opportunities for Local Participation:

Possibilités de participation locale :

Elders and hunters may be invited to participate in the late winter classification surveys, as practical for the aircraft and logistic constraints.

Management or Recovery Plans: *(If your project is part of accepted wildlife management plans or recovery plans, list them as appropriate)*

Plans de gestion ou de rétablissement : *(si votre projet fait partie de plans de gestion de la faune approuvés ou de plans de rétablissement, veuillez en dresser la liste, s'il y a lieu)*

The 2020 Recovery Strategy for Barren-Ground Caribou under the NWT Conference of Management Authorities (CMA) recognizes the importance of adequate information about the status of herds and the value of further research on factors affecting caribou health and abundance. Barren-ground caribou are listed as Threatened under the Species at Risk (NWT) Act (excepting the Porcupine herd). This recovery strategy recognizes the importance of herd-specific management plans and sets overall goals for barren-ground caribou management in the NWT. Listing of barren-ground caribou under federal Species at Risk legislation is pending.

There is a draft overall management plan for the Bathurst herd developed by the BCAC in 2021, which calls for the kinds of monitoring actions proposed in this document. The herd was assessed by BCAC in 2022 and 2023 as being in the Critical Low phase (below 30,000 caribou) where monitoring is more intensive.

There is an overall management plan for the Bluenose-East herd developed by the ACCWM in 2014 and updated in 2021 (Taking Care of Caribou) which includes monitoring actions like the surveys and collars proposed here.

The monitoring actions described above are identified in the joint Tłıchǫ Government and GNWT-ECC proposals (2019) for the recovery of the Bathurst caribou herd and approved by the WRRB in 2019.

#### Follow-up Report / Rapport de suivi

Check One / Cochez une seule réponse :

☐

Previously Submitted

☐

Attached

☐

Not Applicable

Envoyé précédemment

En pièce jointe

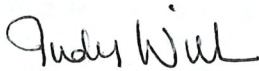
Sans objet



**DECLARATION**

I declare that the information provided on this form is correct. I understand that it is an offence to give false or misleading information.

All personal information contained on this form is collected under the authority of the *Wildlife Licences and Permits Regulations* Section 11.(3) and is used for the purposes of assessing and processing your application request. If you have any questions in relation to the information collected on this form please contact the Information Coordinator by phone at 867-767-9237 ext. 53219, by email at [WildlifeCoordinator@gov.nt.ca](mailto:WildlifeCoordinator@gov.nt.ca), or by mail at PO Box 1320, Yellowknife NT X1A 2L9.

X 

PLEASE PRINT FORM TO SIGN / VEUILLEZ IMPRIMER LE FORMULAIRE POUR LE SIGNER

Applicant Signature / Signature du demandeur

**DÉCLARATION**

Je déclare que les renseignements fournis dans le présent formulaire sont exacts. Je comprends que toute fausse déclaration ou déclaration trompeuse constitue une infraction.

Tous les renseignements personnels contenus dans le présent formulaire sont recueillis conformément au paragraphe 11(3) du *Règlement sur les permis et licences relatifs à la faune*, et sont utilisés aux fins de traitement et d'évaluation de votre demande. Pour toute question concernant les renseignements recueillis dans le présent formulaire, communiquez avec le coordonnateur de l'information par téléphone, au 867-767-9237, poste 53219, par courriel, à l'adresse [WildlifeCoordinator@gov.nt.ca](mailto:WildlifeCoordinator@gov.nt.ca), ou par courrier, au C. P. 1320, Yellowknife NT X1A 2L9.

03/06/2024

Date (DD/MM/YYYY) (JJ-MM-AAAA)