



**Environment and Climate Change Canada**  
**Environnement et Changement climatique Canada**

Canadian Wildlife Service  
Environment and Climate Change Canada  
Box 2310  
Yellowknife, NT X1A 2P7

February 3, 2021

Jody Pellissey  
Executive Director, Wek'èezhìi Renewable Resources Board  
102 A 4504 49th Avenue  
Yellowknife, NT X1A 1A7  
P: 867.873.5740  
F: 867.873.5743

Dear Jody,

Enclosed for your review is a Wildlife Research Application to conduct a study on waterbirds, specifically Horned Grebes and Red-necked Grebes, near Yellowknife, titled:

***Migratory connectivity and contaminants in grebes***

We are requesting support for a multi-year NWT Wildlife Research Permit for the 2021, 2022 and 2023 field seasons due to the consecutive-year effort that is required to obtain the data required for the study. Your support of our work is greatly appreciated.

Please return via fax or email the attached recommendation form at your earliest convenience. If you have any questions about this application or our other waterfowl studies in the region, please do not hesitate to contact me.

Sincerely,

Eric Reed  
Population Management Biologist – Western Arctic Waterfowl Program  
Phone: (867) 669-4769 Fax: (867) 873-8185  
E-mail: [eric.reed@canada.ca](mailto:eric.reed@canada.ca)

cc: Regional Superintendent, ENR – North Slave Region  
Manager, Lands Protection and Renewable Resources, Tlicho Government  
Director-Environment, Environment Department, Yellowknives Dene First Nation  
Lands, Environment and Giant Mine Co-ordinator, North Slave Métis Alliance



## 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.enr.gov.nt.ca](http://www.enr.gov.nt.ca). If more space is required, please attach additional pages.

## FORMULAIRE DE DEMANDE DE PERMIS DE RECHERCHE SUR LA FAUNE

Si vous faites des recherches sur la faune, de l'observation ou de la manipulation d'animaux sauvages 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 permis dûment remplie.
- ✓ Le(s) formulaire(s) de recommandation signé(s).
- ✓ Pièces justificatives et 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.enr.gov.nt.ca/en/français](http://www.enr.gov.nt.ca/en/français). 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 l'adresse courriel)

Eric Reed

Canadian Wildlife Service, PO Box 2310, Yellowknife, NT, X1A 2P7, [eric.reed@canada.ca](mailto:eric.reed@canada.ca), 867-669-4769

Sponsor(s): (Organizations supporting your work)

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

Environment and Climate Change Canada, Canadian Wildlife Service

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

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

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Additional Licences Required:

Licences supplémentaires requises :

CWS Banding Permit, CWS Scientific Permit, Environment Canada Animal Care Committee permit, GNWT Wildlife Care Committee permit, SAR permit

Project Title: (10 words or less)

Titre du projet : (10 mots ou moins)

Migratory connectivity and contaminants in grebes

Rationale: (100 words or less)

Explication : (100 mots ou moins)

Horned Grebe and Red-necked Grebe are not well-studied or monitored because they are not harvested and are not usually surveyed during waterfowl surveys. Apparent declines in western Horned Grebe populations lead to this species being listed as Special Concern on the Species at Risk Act in 2017. Red-necked Grebe populations have remained stable but had among the highest contaminant loads of all grebe species in Prairie Canada according to a 1980's study. Data from the Northwest Territories will be used along with data from other regions in Canada to provide an overall picture of migration ecology and contaminant exposure.

Time Period:

Durée : May 15-June 15, 2021; similar dates in 2022 and 2023

Location and Nearest Community: (Provide latitude and longitude if applicable)

Emplacement et collectivité la plus près : (indiquer la latitude et la longitude, le cas échéant)

The field work takes place along Highway 3 and the Ingraham Trail, within 50 km of Yellowknife. The closest communities are Yellowknife, Ndilo, Dettah and Behchokò.

Species Studied:

Espèces étudiées : Horned Grebe, Red-necked Grebe

Project Leader:

Chef de projet : Eric Reed

Project Personnel: (Include people who would actually do the work in the NWT, volunteers included)

Participants au projet : (inscrire les personnes qui accompliraient le travail aux TNO, y compris les bénévoles)

Eric Reed (CWS), Jillian Wettlaufer (CWS), Cindy Wood (CWS), 1-2 additional CWS staff/volunteers (TBD)

Objectives: (Please use point form)

Objectifs : (veuillez utiliser le style télégraphique)

1. Determine migratory connectivity, migration routes, timing, staging and wintering areas of Horned Grebe
2. Determine contaminant exposure on the non-breeding, staging and breeding grounds for Horned Grebe
3. Measure local nutrient contribution as well as contaminant levels in Horned and Red-necked grebe eggs

Methods: (100 words or less) (Cite references, if applicable)

Méthodes : (100 mots ou moins) (veuillez citer vos références, le cas échéant)

Up to 20 adult Horned Grebes will be captured during early nesting using kayaks to herd them into lightweight submerged gill nets and banded using standard leg bands. A small light-level geolocator will be attached to the band to provide information on migration timing, routes and wintering areas when the geolocator is removed the following season. A few feathers and a small amount of blood will be collected from each bird for stable isotope and contaminant analyses before releasing the birds. A maximum of 10 Horned Grebe and 10 Red-necked Grebe eggs will be collected for contaminant analyses.

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)

We are consulting with the Wek'èezhii Renewable Resources Board, Yellowknives Dene First Nation, Tlicho Government and the North Slave Métis Alliance. They have received a summary of the project and objectives as well as our plans for 2021-2023.

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.)*

Consultation will continue in the form of posters and both technical and non-technical publications. Regular updates and yearly reports will be provided to NSMA, YKDFN, the Tlicho Government, and the WRRB.

Opportunities for Local Participation:  
Possibilités de participation locale :

There may be opportunities for volunteers from the local communities to visit the study site and assist with the project.

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 proposed work on horned grebes will contribute to long-term monitoring of this species as well as provide information to COSEWIC for species status designation reassessments in the future and guide the development of recovery strategies under the Speceis At Risk Act (SARA) should they continue to be listed.

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

Check One / Cochez une seule réponse :  Previously Submitted / Envoyé précédemment  Attached / En pièce jointe  Not Applicable / Sans objet

**Eric Reed**

Name / Nom

**Reed, Eric**

Signature

Digitally signed by: Reed, Eric  
DN: CN = Reed, Eric C = CA O = GC OU = EC-EC  
Date: 2021.02.05 15:16:32 -07'00'

21-02-05

Date (YY/MM/DD) / Date (AA-MM-JJ)

All personal information contained on this form is collected under the authority of the *Wildlife Licenses and Permits* regulations Section 11(3), and is used for the purposes of assessing and processing applications for Wildlife Research Permits. Any questions relating to the collection and use of personal information on this form may be directed to the Information Coordinator, Wildlife Division at 867-767-9237 ext. 53219.

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 d'évaluation de la gestion des interventions relatives à la faune effectuées par des chercheurs du Comité de protection de la faune des TNO. Pour toute question au sujet de la cueillette et de l'utilisation de ces renseignements, communiquez avec le coordonnateur à l'information de la Division de la faune au 867-767-9237, poste 53219.