



Department of Environment  
Ministère de l'Environnement

Pursuant to the Wildlife Act/En vertu de la Loi Sur la Faune

WL

2017-039

**WILDLIFE RESEARCH PERMIT**  
**FAUNE-PERMIS DE RECHERCHE**

Name/Nom

Julian Aherne

Date Issued/émis le

2017-05-26

Organization/Organisation

Trent University

**This permit is valid**

**Ce permit est valide**

Address

1600 West Bank Drive

From/Du 2017-08-01

To/Au 2017-09-01

City/Ville

Peterborough

Phone No./No. de telephone

(705) 748-1011

Prov/Terr

ON

Postal Code Postal

K9J 7B8

Permit Conditions

As per application: Evaluate the use of mosses as biomonitors of atmospheric, sulphur and nitrogen deposition; Build on existing studies in the arctic and Europe; Where relevant, lake and soil samples will also be collected; Sampling will provide a baseline information and knowledge regarding the spatial extent of current atmospheric pollution. Moss species: Focusing on *Hypoleucium splendens* and/ or *Pleurozium shreberi* will be sampled from various sites surrounding Kimmirut, Iqaluit and Pond Inlet; Sites will be chosen based on a combination of guidance from community members, area observations and ease of access and proximity to the shoreline; At each site, 5-10 subsamples of moss will be collected from a 50x50m quadrat, equaling a total of 5 grams per site. Must submit a report at end of study.

Is hereby authorised to conduct research as approved by the Superintendent of Wildlife.

Est autorisé par le présent à mener une recherche telle qu'approuvée par le Superintendant de la faune.

Permit Holder Signature/Titulaire du Permis

Superintendent of Wildlife/ Surintendant le Faune