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30 April 2013

Greetings Mr. Kavanagh,

I am writing to apply for extension of Land Use Permit #N2008N0028 (permittee Dr. Ray T. Alisauskas), currently set to expire on 11 June 2013.

This permit grants permission for conduction of scientific research on the population ecology of arctic-nesting waterfowl, specifically Lesser Snow, Ross's, and Cackling Geese, King Eiders, and Long-tailed Ducks. Annually, the abundance of each species nesting in the area is estimated, as are metrics associated with population dynamics, such as clutch size, and egg, nest, and adult survival. These metrics are invaluable for addressing management concerns of harvested species, both within Canada and internationally within North America. Further, we monitor factors thought to influence reproductive ecology in order to explain annual variation in productivity. We also conduct similar research on arctic fox, less-intensive studies on waterbirds such Herring and Glaucous Gulls, Arctic Terns, and Red-throated Loons, and record observational data of grizzly bears, wolverines, and wolves.

As described in Permit #N2008N0028, the primary field location is the large (an estimated 1.1 million birds in 2011) Lesser Snow and Ross's Goose colony at Karrak Lake. A research station, established in 1991, is located at 67° 14.226' N and 100° 15.510' W. Consisting of six plywood buildings, the Research Station is occupied by 3-15 personnel annually during 10 May to 15 August, for a total of approximately 550 person-days per year. As before, water use, garbage disposal, fuel storage, etc. will remain in accordance with existing permit conditions.

Many thanks for your consideration of this request. If you have questions or concerns, please do not hesitate to contact me.

All the best,



Dana Kellett, M.Sc.

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