

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NU X0A 0H0 phone: (867) 979-7279 fax: (867) 979-7109 e-mail:
mosha.cote@arcticcollege.ca

SCIENTIFIC RESEARCH LICENSE

LICENSE # 03 023 18N-M

ISSUED TO: Jared Ellenor
University of Waterloo
ESC-222B 200, University Avenue West
Waterloo, Ontario
N2L 3G1 Canada

TEAM MEMBERS: C. Portt

AFFILIATION: University of Waterloo

TITLE: Stream Occupancy of Young-of-Year Arctic Grayling (*Thymallus arcticus*) and the
Associated Impact from the Wastewater Treatment Facility in Baker Lake

OBJECTIVES OF RESEARCH:

Stream occupancy of young-of-year arctic grayling *Thymallus arcticus* and the associated impact from the wastewater treatment facility in Baker Lake, Nunavut. Currently, the Hamlet of Baker Lake uses a passive wastewater treatment system, where wastewater is released through a series of tundra ponds/lakes and into Baker Lake. This type of system, which is common in Northern communities, takes advantage of natural biological processes and is only capable of providing primary treatment. As a result, relatively high levels of nutrients are released into the system, which can ultimately affect fish and fish habitat. Based on significant positive feedback from the community, an upgraded wastewater treatment facility is anticipated to be constructed in Baker Lake in 2020.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

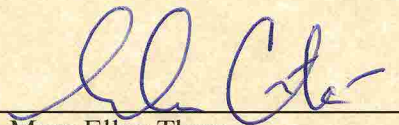
DATA COLLECTION IN NU:

DATES: August 16, 2018-August 31, 2018

LOCATION: Baker Lake

Scientific Research License 03 023 18N-M expires on December 31, 2018

Issued at Iqaluit, NU on August 10, 2018

for 
Mary Ellen Thomas
Science Advisor

