



## CANADA-NUNAVUT GEOSCIENCE OFFICE

BUREAU GÉOSCIENTIFIQUE  
CANADA-NUNAVUT  
KANATAMI-NUNAVUMI  
GEOSCIENCE TITIGAKVIUT

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**Re: Renewal of Approval for the Use of Water or Deposit of Waste Without a Licence (8WLC-TWG1617) for the Tehery-Wager Geoscience Project**

The Canada-Nunavut Geoscience Office, in collaboration with the Geological Survey of Canada and two Canadian universities, is planning to conduct an extra field season of bedrock mapping and sampling following the success of the 2015 and 2016 work on the Tehery-Wager Geoscience Project. We wish to apply for renewal of the Approval for the Use of Water or Deposit of Waste Without a Licence (8WLC-TWG1617) to cover the planned work. In addition to this cover letter, please find these other attachments:

- An Inuktitut version of this cover letter,
- A new Approval for the Use of Water or Deposit of Waste Without a Licence application,
- An Appendix A document containing full details of the field work, camp infrastructure, fuel storage and spill contingency plan, environmental impacts, and wildlife mitigation measures for the project.

The 2017 field work will take place between June 22<sup>nd</sup> and July 5<sup>th</sup>, based from a minimalistic, temporary camp (FPB Camp, same location as the 2016 field work; see map in Appendix A), with a crew of 6 people. The work will include detailed mapping on the Wager shear zone, which stretches over 200 km to the west from the southern shore of Wager Bay, and targeted bedrock mapping within the 2015-16 project boundary. Camp mobilization, demobilization, and one crew change/supply run will be completed using a Turbo Otter on tundra tires based from Baker Lake. One helicopter (Bell 206 L-3) will be utilized for daily transport of field crews during the June 22<sup>nd</sup> to July 5<sup>th</sup> window.

Jet A aviation fuel (205 L drums) will be cached in late March/early April at the FPB Camp (10 drums), and at the Fehet Lake (4 drums) and Lorillard (12 drums) caches. All three sites are situated on Crown Land, and at no time during the field work will any cache exceed the 4000 L maximum for storing fuel without a berm, although some fuel may be shifted from one cache to another during the summer work. Following the 2017 field season, all camp infrastructure, and all empty and full fuel drums from the three sites will be hauled back to Baker Lake. Empty fuel drums will be crushed and shipped by sealift to Montreal for recycling.

If you require further information or have questions, please do not hesitate to contact me.

Sincerely,

Shelly Steenkamp

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