

**NUNAVUT PLANNING COMMISSION
APPLICATION TO DETERMINE CONFORMITY
WITH THE NORTH BAFFIN REGIONAL LAND USE PLAN**

***All applicants for a project proposal shall comply with the requirements listed below.
The relevant sections of the plan are noted in each requirement.***

2. **Environmental Protection:** s3.13.8: The applicant undertakes to prevent any new occurrences of pollution, garbage and contamination at the site of the development.

Yes

No

3. **Removal of Fuel Drums:** s3.13.8: The applicant undertakes to remove all drums safely from the site and dispose of the drums in a safe manner.

Yes

No

4. **New Site Restoration and Clean Up:** Appendix H, s1: The applicant undertakes to clean up the site and restore the site to its natural condition to the greatest extent possible.

Yes

No

5. **Low-Level Air Flights:** Appendix H, s3: Will the applicant avoid all low-level flights?

Yes

No

- i. If not, explain why such flights are or may be absolutely necessary.

See attached appendix

- ii. If such flights are or may be absolutely necessary, will they avoid disturbance to people and wildlife?

Yes

No

See appendix

- iii. If not, explain why it is not possible to avoid such disturbance.

7. **Caribou Protection Measures.** s3.3.7 and Appendix I: Will the applicant comply with the Caribou Protection Measures outlined in section 3.3.7 and in Appendix I?

Yes

No

9. **Polar Bear Denning Areas and Walrus Haul-outs:** s3.3.8: Will the applicant keep its activities away from any polar bear denning area or walrus haul-out?

Yes

No

HERITAGE RESOURCES

10. **Reporting of Archaeological Sites:** s3.11.3 and Appendix H, s2 and s8: Will the applicant immediately report the discovery of all suspected archaeological sites to the Department of Culture and Heritage (GN)?

Yes

No

SCIENTIFIC RESEARCH

17. **Scientific Research:** s3.9.3: Does the project proposal involve scientific research?

Yes

No

If yes, will the applicant integrate all available and relevant local and traditional knowledge when conducting its research?

Yes

No

18. Consultation with Nunavut Research Institute: s3.9.5: Has the applicant consulted with the Nunavut Research Institute about research topics that would benefit or interest local residents?

Yes

No

i. Describe the results of your consultation.

See appendix

ii. If no, explain why.

19. Local Services and Local Employment: s3.9.4: Will the applicant rely on local services and employment where possible?

Yes

No

i. Describe the services retained and the people to be employed.

See appendix

ii. If no, explain why it is not possible.

20. Communication on Scientific Research: s3.2.8: The applicant will, at minimum, translate a summary of its work into Inuktitut and communicate with communities using language that is clear and non-technical. The results of all scientific research shall be made available to the affected communities as soon as possible.

☒ Yes

☐ No

22. Code of Good Conduct for Land Users: *Appendix H:* The applicant undertakes to adhere to the code of Good Conduct at all times.

☒ Yes

☐ No

I, W. RICHARD LEITCH (name of applicant), certify that the information I have given in this application is true and correct and hereby make the above undertakings which form part of my application for a project proposal within the meaning of the Nunavut Land Claims Agreement.

Date: June 10, 2014 Signature of Applicant: W. R. Leitch

Appendix to responses from Richard Leitch to “Nunavut Planning Commission Application to Determine Conformity with the North Baffin Regional Land Use Plan”

Item 5. “Low-level flights”

- i) Our research flying requires low-level flying for sampling constituents of the atmosphere that originate from marine sources and from ship emissions. Low-level flying, as low as 65 metres above the water surface, is requested for our flights conducted over the waters of the Barrow Strait and Lancaster Sound. In addition, we wish to sample the atmosphere low over open water (connected or polynyas) that might be present in the region around Cornwallis Island. With the exception of takeoffs and landings, all our low-level flying will be over water surfaces. Most of the low-level flying will be of relatively short duration (a few minutes), except for our intended sampling of the plume of the CCGS Amundsen. With the ship’s bow into the wind, we will sample the ship’s plume downstream as far as possible at low level while maintaining flight above open water.
- ii) We will avoid completely flying low over areas with people or wildlife.

Item 18. “Consultation with NRI”

- i) Application has been made to the Nunavut Research Institute to conduct this research program. Our research is intended to improve climate modelling of the Arctic and to contribute to modelling of how ship emissions may change air quality in the study region. We intend to offer an information session to all residents of Resolute Bay when we are conducting our study.

Item 19. “Local Services and Local Employment”

- i) Our measurements will bring up to 25 people to Resolute Bay for extended periods between July 1 and July 24, 2014. We will use facilities at the Polar Continental Shelf, and we will purchase aviation fuel.