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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYIT
OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR APPROVAL FOR THE USE OF WATER OR DEPOSIT OF WASTE WITHOUT A LICENCE

Refer to the Guide to the Approval for the Use of Water or Deposit of Waste Without a Licence (Guide) in completing this Application.

APPLICATION NO: (for NWB use only)																	
<p>1. APPLICANT CONTACT INFORMATION (name, address)</p> <p>Mitch Weegman University of Saskatchewan 112 Science Place Saskatoon, SK S7N 5E2</p> <p>Phone: 306-966-4406 _____ Fax: _____ e-mail: mitch.weegman@usask.ca _____</p>	<p>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)</p> <p>Phone: _____ Fax: _____ e-mail: _____ (Attach authorization letter)</p>																
<p>3. NAME OF THE OWNER OF THE LAND THAT WILL BE USED IN RELATION TO THE WATER TO BE USED OR THE WASTE TO BE DEPOSITED</p> <p>Inuit-owned land (Kitikmeot Inuit Association)</p>																	
<p>4. NAME OF PROJECT (consistent with the name of the project issued by other regulatory agencies)</p> <p>Assessment of population dynamics of waterfowl in the central Arctic</p>																	
<p>5. LOCATION OF UNDERTAKING</p> <p>Project Extents (decimal degree format)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">NW</td> <td style="width: 30%;">68.995 _____</td> <td style="width: 30%;">-104.292 _____</td> <td style="width: 30%;"></td> </tr> <tr> <td>NE</td> <td>68.873 _____</td> <td>-103.291 _____</td> <td></td> </tr> <tr> <td>SE</td> <td>68.785 _____</td> <td>-103.365 _____</td> <td></td> </tr> <tr> <td>SW</td> <td>68.909 _____</td> <td>-104.314 _____</td> <td></td> </tr> </table>		NW	68.995 _____	-104.292 _____		NE	68.873 _____	-103.291 _____		SE	68.785 _____	-103.365 _____		SW	68.909 _____	-104.314 _____	
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NE	68.873 _____	-103.291 _____															
SE	68.785 _____	-103.365 _____															
SW	68.909 _____	-104.314 _____															

Camp Location(s) (decimal degree format)

To be determined in mid-June within the project extent.

Name of the Water Management Area in which the Undertaking is located. (Please see Appendix D of the Guide):

38. Southern Victoria Island Watershed

6. Previous Approvals or Licences Associated with Undertaking (“Type A”, “Type B” or Approval Without a Licence)

NA or

Previous Licence/Approval Number: _____

The Board reminds the Applicant that as stated in s. 46 of the NWNSRTA, the expiry or cancellation of any previous licence does not relieve the holder from any outstanding obligations imposed under the licence.

7. CLASSIFICATION OF UNDERTAKING - Indicate the classification of undertaking by checking one of the following boxes.

<input type="checkbox"/> Industrial	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Mining	<input type="checkbox"/> Recreational
<input type="checkbox"/> Conservation	<input type="checkbox"/> Power
<input type="checkbox"/> Municipal	<input checked="" type="checkbox"/> Other: (describe) wildlife research

See Appendix C of the Guide for descriptions of classifications of undertakings.

8. DESCRIPTION OF UNDERTAKING AND EQUIPMENT USED – Provide a brief description of the undertaking including a description of any equipment that will be used in using water or depositing waste.

This project seeks approval for water use without a licence associated with a temporary camp at Anderson Bay on Victoria Island (~40 km southeast of Cambridge Bay) to study the population dynamics of lesser snow geese and Ross’s geese (i.e., light geese). My hope is this becomes a long-term project (25 years) because of the importance of multi-decadal data to informing our understanding of waterfowl population biology. While light goose demography was studied nearly continuously since 1991 at Karrak Lake (Queen Maud Gulf [Ahiak] Migratory Bird Sanctuary) by Ray Alisauskas, the colony has declined rapidly and logistics are increasingly difficult. At the same time, the colony at Anderson Bay has increased rapidly over the last 10 years. Information about the population dynamics of light geese is required by the Canadian and US governments, the Arctic Goose Joint Venture and the four migratory bird flyways of North America for robust population management. Water will be used for drinking by crew members (6-8 people per year for 60 days per year [June-July]) and gathered with buckets from melt rivers or nearby lakes.

9. SCHEDULE – Applicants are advised that approvals without a licence are issued for a one year term.

Proposed Start Date: June 2026 Proposed Completion Date: July 2026
(Month/Year) (Month/Year)

10. TYPE OF USE OF WATER WITHOUT A LICENCE PROPOSED - Check the box that applies to the type of water use proposed. If none of the water uses listed below applies to the proposed water use, an application for a water licence will be required. See the NWB’s Guide 4 – Completing and Submitting a Water Licence Application for a New Licence.

For an undertaking other than a Power undertaking and for a use of water related to the

construction of a structure across a watercourse that is less than 5 metres wide at the ordinary high water mark at the point of construction.

- For an undertaking other than a Power undertaking and for a use of water related to the training of an intermittent watercourse.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that is less than 5 metres wide at the ordinary high water mark at the point of training.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that involves the infilling of the watercourse, if the watercourse has no inflow or outflow and a surface area of less than 0.5 hectares.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that involves removal or placement of less than 100 m³ of material.
- For an undertaking other than a Power undertaking and for a use of water related to the construction of a temporary structure in a watercourse for the purpose of flood control.
- For an undertaking other than a Power undertaking and for any use of water related to the storage of 2,500 m³ or less.
- For an undertaking other than a Power undertaking and for any use of water less than 50 m³ per day.

11. QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 9, provide the source of water, the estimated quantity to be used in cubic metres per day, and the periods during which water will be extracted.

Type of Water Use indicated in Block 9	Name of water source	Estimated quantity of water to be used in cubic metres per day	Periods during which water will be extracted
Drinking water for crew members	Melt rivers and lakes near camp	5	June-July

12. TYPE OF DEPOSIT OF WASTE PROPOSED - Check the box that applies to the type of deposit of waste proposed. If none of the deposits of waste listed below apply to the proposed deposit of waste, an application for a water licence will be required. See the NWB's Guide 4 – Completing and Submitting a Water Licence Application for a New Licence.

- For an Industrial undertaking, for an activity related to hydrostatic testing or cleaning of storage tanks and pipelines, and for any deposit of waste resulting from hydrostatic testing or cleaning of unused storage tanks or pipelines.
- For an Industrial undertaking, for an activity related to quarrying and gravel washing, and for any deposit of waste that is not deposited to surface water and that results from quarrying or gravel washing above the ordinary high water mark.
- For a Mining undertaking, for an activity related to exploratory work, any deposit of sewage to a sump.
- For a Power undertaking, any deposit of sewage to a sump.
- For an Agricultural undertaking, any deposit of sewage to a sump.
- For a Conservation undertaking, any deposit of sewage to a sump.
- For a Recreation undertaking, any deposit of sewage to a sump.
- For any Other type of undertaking not listed above, other than Municipal, any deposit of sewage to a sump.

13. QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 11, describe the quantity in cubic metres/day, measures to avoid or mitigate adverse impacts, and periods of deposition.

Type of Waste indicated in Block 11	Quantity to be deposited in cubic metres per day	Measures to avoid or mitigate any adverse impacts	Periods during which waste will be deposited
Other (sewage--human waste)	<1	Bury sewage near camp, covered with native material.	June-July
Other (combustible waste)	<1	Bury food waste near camp or sling to Cambridge Bay	June-July

14. SIGNATURE

I, Mitch Weegman (print name), certify that the information given on this form is, to the best of my knowledge, correct and complete.

Yes

No

OR

I, _____ (print name), as an authorized representative of the Applicant, _____, certify that the information given on this form is, to the best of my knowledge, correct and complete.

Yes

No

I certify that the Nunavut Planning Commission's land use planning requirements under Article 11 of the Nunavut Land Claims Agreement have been met.

Yes

No

I certify that the Nunavut Impact Review Board's development impact review requirements under Article 12 of the NLCA have been met.

Yes

No

I certify that the proposed water use is of a type set out in column 2 of Schedule 2 of the Regulations that is further specified by column 3, in respect of an undertaking set out in column 1. See list in Block 9.

Yes

NA

No

I certify that the proposed deposit of waste is an activity that is set out and then further specified in columns 2 and 3 of Schedule 3 of the Regulations, in respect of an undertaking that is set out in column 1 of Schedule 3. See list in Block 11.

Yes

NA

No

I certify that the proposed water use or deposit of waste will not substantially affect the quality, quantity or flow of the watercourse whose waters are used.

Yes

No

I certify that the proposed water use or deposit of waste will not substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Lands.

Yes

No

I certify that the proposed water use or deposit of waste will not affect the use of waters by a person who would be entitled to compensation under sections 58 or 60 of the Nunavut Waters Nunavut Surface Rights Tribunal Act (Act) if their use of these waters were to be adversely affected by an applicant for a licence.

Yes

No

I certify that a licence is not required for another use of water, or deposit of waste in respect of the proposed undertaking.

Yes

No

I have read and agree to comply with the following conditions outlined in sections 4(3), 5(4), 5(5) and 6 of the Nunavut Waters Regulations:

1. In the case of an applicant who has a mineral right and who intends to use waters or deposit waste in relation to that right,

the applicant shall respect the priority conferred on Inuit by section 62 of the *Act* as if that applicant had a licence for the use or deposit.

2. Measures must be taken prior to using water to minimize any alteration to the bed or banks of a watercourse whose waters are to be used, and the measures shall be maintained during the operation of the undertaking.
3. No waste is to be deposited to surface water or within 31 metres of the ordinary high water mark of any body of water.
4. The waste shall not contain more than 15 milligrams per litre of petroleum or petroleum product and must not have a visible hydrocarbon sheen.
5. Prior to the closure or abandonment of the undertaking or end of the period authorized for the use of water or deposit of waste without a licence, whichever occurs first, the site shall be restored — to the extent practicable — to the state in which it was before the water was used or the waste was deposited.^a
6. An applicant who is authorized under the Regulations to use waters or deposit waste without a licence shall:
 - a. maintain accurate and detailed books and records of:
 - i. the quantity of water, in cubic metres, used each day,
 - ii. the quantity, in cubic metres, of waste deposited each day,
 - iii. the type of waste deposited each day,
 - iv. where the waste is deposited,
 - v. the concentration of the substance, or substances, in the deposited solid or liquid that has the effect of making the deposit waste,
 - vi. the methodology used to calculate or determine the information referred to in items (i) to (iv), and
 - vii. the measures that were taken to avoid or mitigate any adverse impacts of the deposit of waste.
 - b. keep the books and records on the site of the undertaking during the period of its operation and make them available during that period to an inspector on request;
 - c. submit to the Board a report containing a summary description and supporting photographs of the restoration of the site of the undertaking within 30 days after the earliest of (i) the day on which the undertaking is closed or abandoned, and (ii) the last day of the period authorized for the use or deposit without a licence;^b and
 - d. keep the books and records for two years after submitting the report describing the restoration of the site of the undertaking.

Notes:

a) A site need not be restored prior to the end of the period authorized for the water use or deposit of waste without a licence, as required by Item 5, if the Board issues a licence for the use of water or deposit of waste on that site prior to the end of that period.

b) An applicant need not submit the report referred to in Item 6 (c), to the Board if the applicant obtains the Board's approval for a use of water or deposit of waste without a licence, or a licence for a use of water or deposit of waste, on the same site within thirty (30) days after the last day of the period authorized for the use or deposit.

Yes

No

I understand that any approval granted by the Board for the use of water or deposit of waste without a licence will be authorized for a period of one year after the day on which the Board approves the Application. The use or deposit is not authorized until the Board approves the Application and it is only valid as long as the applicant is in compliance with the conditions set out in the declaration above.

Yes

No

I understand that if I have answered "No" to any of the above statements a water licence is required from the Nunavut Water Board prior to the use of water or deposit of waste.

Yes

No

Mitch Weegman DUC Endowed Chair, Assoc. Prof.



11 February 2026

Name (Print)

Title (Print)

Signature

Date

APPENDIX B

**CONDITIONS FOR THE USE OF WATER OR DEPOSIT
OF WASTE WITHOUT A LICENCE**

Conditions for the Use of Water or Deposit of Waste Without a Licence

General

1. In the case of an Applicant who has a mineral right and who intends to use waters or deposit waste in relation to that right, the Applicant shall respect the priority conferred on Inuit by section 62 of the *Act* as if that Applicant had a licence for the use or deposit.

Water Use

2. Measures must be taken prior to using water to minimize any alteration to the bed or banks of a watercourse whose waters are to be used, and the measures shall be maintained during the operation of the undertaking.

Waste Disposal

3. No waste is to be deposited to surface water or within 31 metres of the ordinary high water mark of any body of water.
4. The waste shall not contain more than 15 milligrams per litre of petroleum or petroleum product and must not have a visible hydrocarbon sheen.

Abandonment and Restoration

5. Prior to the closure or abandonment of the undertaking or end of the period authorized for the use of water or deposit of waste without a licence, whichever occurs first, the site shall be restored — to the extent practicable — to the state in which it was before the water was used or the waste was deposited.^a

Record Keeping

6. An Applicant who is authorized under the *Regulations* to use waters or deposit waste without a licence shall:
 - a. maintain accurate and detailed books and records of:
 - i. the quantity of water used each day (in cubic metres),
 - ii. the quantity of waste deposited each day (in cubic metres),
 - iii. the type of waste deposited each day,
 - iv. where the waste is deposited,
 - v. the concentration of the substance(s), in the deposited solid or liquid that has the effect of making the deposit waste,
 - vi. the methodology used to calculate or determine the information referred to in items (i) to (iv), and
 - vii. the measures that were taken to avoid or mitigate any adverse impacts of the deposit of waste.
 - b. keep the books and records on the site of the undertaking during the period of its operation and make them available during that period to an inspector on request;
 - c. submit to the Board a report containing a summary description and supporting photographs of the restoration of the site of the undertaking within 30 days after the earlier of (i) the day on which the undertaking is closed or abandoned, and (ii) the last day of the period authorized for the use or deposit;^b and

- d. keep the books and records for two years after submitting the report describing the restoration of the site of the undertaking.

Notes:

- a) A site need not be restored prior to the end of the period authorized for the water use or deposit of waste without a licence, as required by Item 5, if the Board then issues a licence for the use of water or deposit of waste on that site prior to the end of that period.
- b) An Applicant need not submit to the Board the report referred to in Item 6 (c) if the Applicant obtains either (i) the Board's approval for a use of water or deposit of waste without a licence, or (ii) a licence for a use of water or deposit of waste on the same site, within thirty (30) days after the last day of the period authorized for the use or deposit without a licence.

APPENDIX C

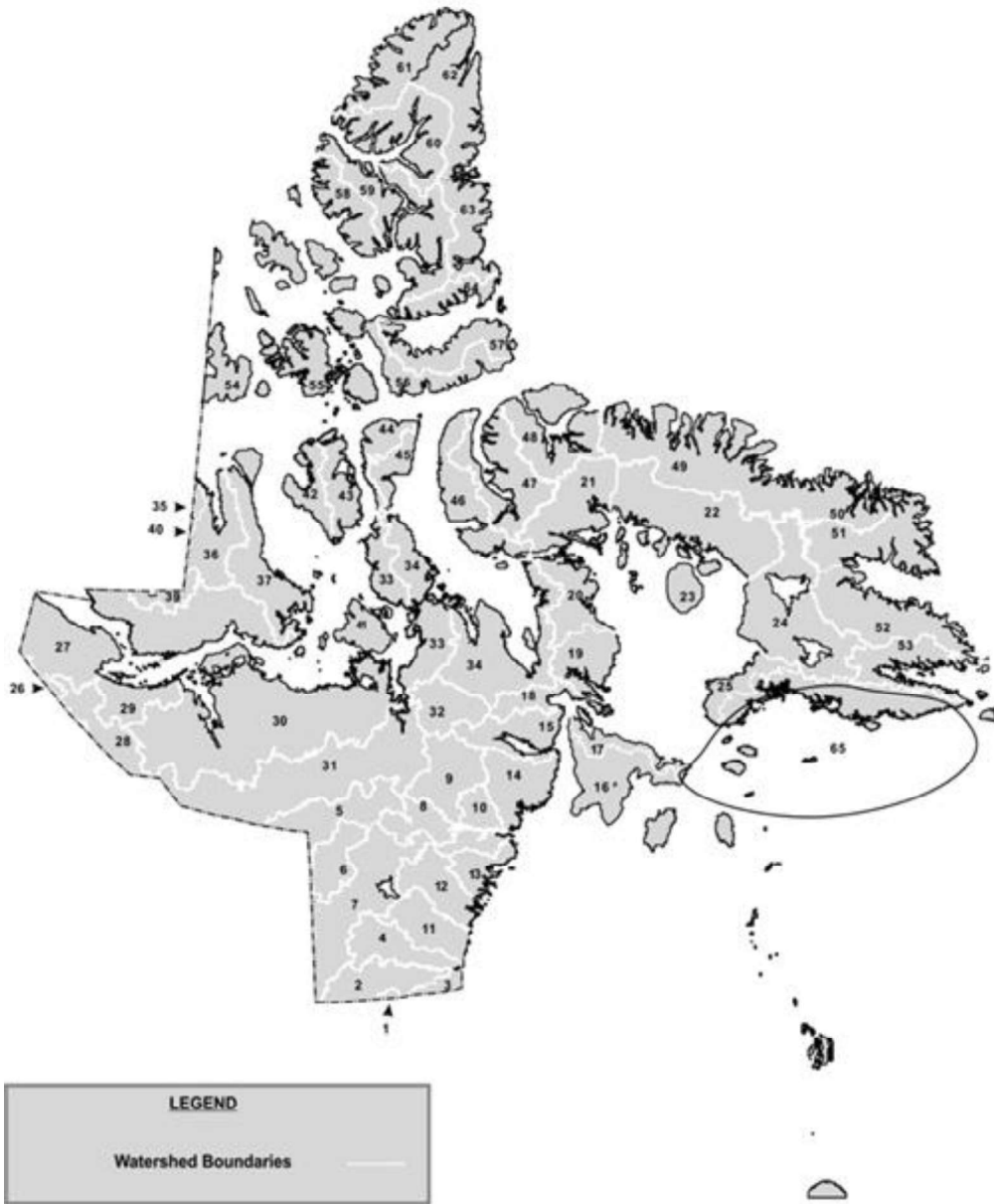
CLASSIFICATION OF UNDERTAKINGS

Classification of Undertakings

Item	Type of Undertaking	Classification of Undertaking
1	Industrial undertaking	Manufacturing processes, hydrostatic testing, quarrying and gravel washing, petroleum and gas exploration, the production, processing, refining or storage of petroleum, petroleum products or gas, cooling systems, food processing, tanneries, the smelting or refining of minerals, metal finishing, the restoration of the site of an industrial undertaking and any other industrial activity.
2	Mining undertaking	The exploration or prospecting for, or the bulk sampling of, minerals other than petroleum or gas, the operation of a mine, the processing of minerals other than petroleum or gas, the restoration of the site of a mine and any other mining activity other than an industrial activity described above.
3	Municipal undertaking	A waste disposal or water system for a municipality
4	Power undertaking	Authorized hydro, geothermal or nuclear electrical generation of
	(a) Class 0	150 or fewer kilowatts per day
	(b) Class 1	More than 150 kW but less than 5 000 kW per day
	(c) Class 2	5 000 or more kilowatts but less than 10 000 kW per day
	(d) Class 3	10 000 or more kilowatts but less than 20 000 kW per day
	(e) Class 4	20 000 or more kilowatts but less than 50 000 kW per day
	(f) Class 5	50 000 or more kilowatts but less than 100 000 kW per day
	(g) Class 6	100 000 or more kilowatts per day
5	Agricultural undertaking	Nourishing crops or providing water for livestock
6	Conservation undertaking	Works for the preservation, protection or improvement of the natural environment
7	Recreational undertaking	A commercial or public recreational development, including camps and tourist lodges
8	Other undertaking	Research projects and any undertaking other than an undertaking set out in any of items 1 to 7.

APPENDIX D

WATER MANAGEMENT AREAS



1. Seal Watershed
2. Thlewiaza Watershed
3. Geillini Watershed
4. Tha-anne Watershed
5. Thelon Watershed
6. Dubawnt Watershed
7. Kazan Watershed
8. Baker Lake Watershed
9. Quoich Watershed
10. Chesterfield Inlet Watershed
11. Maguse Watershed
12. Ferguson Watershed
13. Wilson Watershed
14. Lorillard Watershed
15. Wager Bay Watershed
16. Hudson Bay Islands Watershed
(includes all the islands within Hudson Bay and James Bay that are not part of Manitoba, Ontario or Quebec)
17. Northern Southampton Island Watershed
18. Repulse Bay Watershed
19. Barrow Watershed
20. Kingora Watershed
21. Gifford Watershed
22. MacDonald Watershed
23. Prince Charles Island Watershed
24. Koukdjuak Watershed
25. Aukpar Watershed
26. Great Bear Watershed
27. Amundsen Gulf Watershed
28. Coppermine Watershed
29. Coronation Gulf Watershed
30. Queen Maud Gulf Watershed
31. Back Watershed
32. Back-Hayes (Nunavut) Watershed
33. Rasmussen Basin – Larsen Sound Watershed
34. Gulf of Boothia Watershed
35. Northwestern Victoria Island Watershed
36. Hadley Bay Watershed
37. Eastern Victoria Island Watershed
38. Southern Victoria Island Watershed
39. Prince Albert Sound Watershed
40. Minto Inlet Watershed
41. King William Island Watershed
42. Western Prince of Wales Island Watershed
43. Eastern Prince of Wales Island Watershed
44. Western Somerset Island Watershed
45. Eastern Somerset Island Watershed
46. Western Brodeur Peninsula Watershed
47. Admiralty Inlet Watershed
48. Eclipse Sound Watershed
49. Southwestern Baffin Bay Watershed
50. Northwestern Davis Strait Watershed
51. Northern Cumberland Sound Watershed
52. Southern Cumberland Sound Watershed
53. Frobisher Bay Watershed
54. Melville Island Watershed
55. Bathurst and Cornwallis Islands Watershed
56. Western Devon Island Watershed
57. Eastern Devon Island Watershed
58. Sverdrup Islands Watershed
59. Nansen and Eureka Sounds Watershed
60. Greely Fiord Watershed
61. Arctic Ocean and Lincoln Sea Watershed
62. Northeastern Ellesmere Island Watershed
63. Southeastern Ellesmere Island Watershed
64. South Ellesmere Island Watershed
65. Hudson Strait Watershed (North and West)(includes all the islands in the area that are not part of Quebec)