



## SCREENING DECISION REPORT NIRB FILE No.: 16YN042

NPC File No.: 148298

**July 15, 2016**

Following the Nunavut Impact Review Board's (NIRB or Board) assessment of all materials provided, the NIRB is recommending that a review of University of Guelph "Surface Water Quality in Iqaluit, Nunavut" is not required pursuant to paragraph 92(1)(a) of the *Nunavut Planning and Project Assessment Act* (NuPPAA).

Subject to the Proponent's compliance with the terms and conditions as set out in below, the NIRB is of the view that the project proposal is not likely to cause significant public concerns, and it is unlikely to result in significant adverse environmental and social impacts. The NIRB therefore recommends that the responsible Minister(s) accepts this Screening Decision Report.

### OUTLINE OF SCREENING DECISION REPORT

- 1) REGULATORY FRAMEWORK
- 2) PROJECT REFERRAL
- 3) PROJECT OVERVIEW & THE NIRB ASSESSMENT PROCESS
- 4) FACTORS FOR DETERMINING SIGNIFICANCE OF IMPACTS
- 5) RECOMMENDED PROJECT-SPECIFIC TERMS AND CONDITIONS
- 6) OTHER NIRB CONCERNS AND RECOMMENDATIONS
- 7) REGULATORY REQUIREMENTS
- 8) CONCLUSION

### REGULATORY FRAMEWORK

The primary objectives of the NIRB are set out in Section 12.2.5 of the Nunavut Land Claims Agreement (NLCA) as follows:

*"In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well-being of the residents of Canada outside the Nunavut Settlement Area."*

These objectives are confirmed under section 23 of the NuPPAA.

The purpose of screening is provided for under section 88 of the NuPPAA:

*“The purpose of screening a project is to determine whether the project has the potential to result in significant ecosystemic or socio-economic impacts and, accordingly, whether it requires a review by the Board...”*

To determine whether a review of a project is required, the NIRB is guided by the considerations as set out under subsection 89(1) of NuPPAA:

*“89. (1) The Board must be guided by the following considerations when it is called on to determine, on the completion of a screening, whether a review of the project is required:*

- (a) a review is required if, in the Board’s opinion,*
  - i. the project may have significant adverse ecosystemic or socio-economic impacts or significant adverse impacts on wildlife habitat or Inuit harvest activities,*
  - ii. the project will cause significant public concern, or*
  - iii. the project involves technological innovations, the effects of which are unknown; and*
- (b) a review is not required if, in the Board’s opinion,*
  - i. the project is unlikely to cause significant public concern, and*
  - ii. its adverse ecosystemic and socioeconomic impacts are unlikely to be significant, or are highly predictable and can be adequately mitigated by known technologies.”*

It is noted that subsection 89(2) provides that the considerations set out in paragraph 89(1)(a) prevail over those set out in paragraph 89(1)(b).

Where the NIRB determines that a project may be carried out without a review, the NIRB has the discretion to recommend specific terms and conditions to be attached to any approval of the project proposal. Specifically, paragraph 92(2)(a) of NuPPAA provides:

*“92. (2) In its report, the Board may also*  
*(a) recommend specific terms and conditions to apply in respect of a project that it determines may be carried out without a review.”*

## PROJECT REFERRAL

On June 8, 2016 the NIRB received a referral to screen the project proposal from the Nunavut Planning Commission (NPC or Commission).

## PROJECT OVERVIEW & THE NIRB ASSESSMENT PROCESS

### 1. Project Description

The proposed “Surface Water Quality in Iqaluit, Nunavut” project is located within the Qikiqtani (South Baffin) region, within the city boundary of Iqaluit. The proponent intends to enhance the ongoing Nunavut Research Institute’s (NRI) community-based water monitoring program by collecting raw water samples from the Apex River, Sylvia Grinnell River and Airport (Carnery)

Creek for parasites testing. The program is proposed to take place from June 2016 to October 2016.

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Hire and train approximately five (5) local personnel to collect and test water samples for total coliforms and *Escherichia coli* (*E.coli*) to inform partners and community members as well as the scientific community;
- Collect up to 100 litres (L) of surface water from Apex River and Sylvia Grinnel Rivers per week, with an additional collection of 50-100 L from the Carney Creek during project duration;
- Use of portable handheld device to measure water chemistry parameters such as temperature, pH, and electrical conductivity;
- Use of one (1) truck or ATV to access sampling locations using existing public roads;
- Transportation of water samples to NRI laboratory for filtration and testing, followed by the filter cartridges being shipped to a laboratory in Guelph, Ontario for analysis; and
- Co-develop a parasite testing training module for use in educational programs in Northern Canada.

## **2. Scoping**

The NIRB has identified no additional works or activities in relation to the project proposal.

## **3. Key Stages of the Screening Process**

The following key stages were completed:

<b>Date</b>	<b>Stage</b>
June 8, 2016	Receipt of project proposal from the NPC
June 16, 2016	Information request
June 20, 2016	Proponent responded to information request
June 21, 2016	Scoping pursuant to subsection 86(1) of the NuPPAA
June 23, 2016	Public engagement and comment request
June 30, 2016	Receipt of public comments

## **4. Public Comments and Concerns**

From June 23, 2016 to June 30, 2016 the NIRB provided opportunity for the public to provide comments and concerns regarding the project proposal. The following is a summary of the comments and concerns received:

### **Indigenous and Northern Affairs Canada**

- Have no comments or concerns regarding the project proposal.

## **5. Comments and Concerns with respect to Inuit Qaujimaningit**

The following is a summary of the comments and concerns received with respect to Inuit Qaujimaningit:

No concerns or comments were received with respect to Inuit Qaujimaningit in relation to the proposed project.

#### FACTORS FOR DETERMINING SIGNIFICANCE OF IMPACTS

In determining whether a review of the project is required, the Board considered whether the project proposal had a potential to result in significant ecosystemic or socio-economic impacts.

Accordingly, the assessment of impact significance was based on the analysis of those factors that are set out under section 90 of NuPPAA. The Board took particular attention to take into account traditional knowledge and Inuit Qaujimaningit in carrying out its assessment and determination of the significance of impacts.

The following is a summary of the Board's assessment of the factors that are relevant to the determination of significant impacts with respect of this project proposal:

1. *The size of the geographic area, including the size of wildlife habitats, likely to be affected by the impacts.*

The size of the geographic area for the project proposal would include Apex River, Sylvia Grinnell River and Carnery Creek within the city boundaries of Iqaluit. The proposed activities may take place within habitats for far-ranging wildlife species, migratory birds and potentially fish species within the rivers.

2. *The ecosystemic sensitivity of that area.*

The proposed project would occur within Apex River, Sylvia Grinnell River and Carnery Creek proximal to the city of Iqaluit, with no particular identified ecosystemic sensitivity. However, this area has been identified as having value and priority to the local community for:

- i. Traditional land use activities,
- ii. Marine mammals, especially seals and
- iii. Fish.

3. *The historical, cultural and archaeological significance of that area.*

The project proponent indicated that there are no known areas of historical, cultural and archaeological significance associated with the project areas. In addition, no parties indicated the presence or concerns with historic, cultural and archaeological sites in the project area. The proposed research activities would only include the sampling of surface water from the selected local rivers, which would create low potential for disruption of any archeological sites in the area.

4. *The size of the human and the animal populations likely to be affected by the impacts.*

The proposed project would occur in waterbodies within the municipal boundary of Iqaluit; as such human populations are likely to be affected by project impacts. No specific animal

populations have been identified by the proponent as likely to be affected by potential project impacts.

5. *The nature, magnitude and complexity of the impacts; the probability of the impacts occurring; the frequency and duration of the impacts; and the reversibility or irreversibility of the impacts.*

As the “Surface Water Quality in Iqaluit, Nunavut” project is a proposed water sampling project for scientific research, the nature of potential impacts is considered to be well-known, with potential for infrequent, localized impacts to the biophysical environment that are temporary in nature, reversible and mitigable with due care.

6. *The cumulative impacts that could result from the impacts of the project combined with those of any other project that has been carried out, is being carried out or is likely to be carried out.*

The proposed project would take place in proximity to other active projects that have been or are currently being assessed by the Board. This includes “Asphalt Batch Plant” (NIRB File No. 15XN046); “Iqaluit Landfarm” (NIRB File No. 15XN051); “Thule Whalebone House Excavation and Replication” (NIRB File No. 16YN028), “Geotechnical and Environmental Baseline Field Studies” (NIRB File No. 16YN041); and Zoonotic Disease Prevention in Dog Populations in Iqaluit” (NIRB File No. 16YN044). Potential for cumulative impacts to the biophysical environment resulting from archaeological activity and human traffic has been identified and considered in development of the recommended mitigation measures set out in the following section. Further, this project proposal could induce additional research activities in the area related to the baseline studies.

Although no public concerns were raised during the public commenting period, the NIRB notes that the close proximity of the proposed activities to the city of Iqaluit and waterbodies used by residents for recreational/traditional pursuits could potentially contribute to public concern developing. A term and condition has been recommended to direct engagement with the community, HTO and posting of public notices to ensure residents are aware of the research being or to be conducted.

7. *Any other factor that the Board considers relevant to the assessment of the significance of impacts.*

No other specific factors have been identified as relevant to the assessment of this project proposal.

In considering the factors as set out above in the screening of the project proposal, the NIRB has identified a number of issues and provides the following views regarding whether or not the proposed project has the potential to result in significant impacts, and has proposed terms and conditions that would mitigate the potential adverse impacts identified.

### **Administrative Conditions:**

To encourage compliance with applicable regulatory requirements and assist the Board and responsible authorities with compliance and effects monitoring for project activities, the following project-specific terms and conditions have been recommended: 1-4.

### **Ecosystem, wildlife habitat and Inuit harvesting activities:**

**Issue 1:** Potential negative impacts to migratory birds and fish species, and their habitats due to increased noise and disturbance from water sampling activities.

**Board views:** As discussed above in the assessment of factors relevant to this project proposal, the potential for impact(s) is applicable to a small geographic area encompassing Apex River, Sylvia Grinnell River and Carney Creek within the city of Iqaluit and is limited due to infrequent activities (three [3] times per week over a 60 days period with no more than one [1] hour on site), and would be expected to be temporary in nature. Some project activities, such as water retrieval and sampling could potentially disturb migratory birds and local fish species inhabiting the rivers. In addition, specific and general measures have been recommended to mitigate any potential negative impacts to wildlife, fish and migratory birds.

The Proponent would also be required to follow the *Fisheries Act*, *Migratory Birds Convention Act*, *Migratory Birds Regulations*, *Species at Risk Act*, and the *Nunavut Wildlife Act* (see Regulatory Requirements section).

**Recommended Mitigation Measures:** It is recommended that the potential negative impacts may be mitigated by measures such as requiring the Proponent to comply with wildlife management procedures and to ensure all wastes are removed. The following terms and conditions are recommended to mitigate the potential adverse impacts: 6 through 11.

**Issue 2:** Potential negative impacts to water quality and quantity from research activities, including water samples collection.

**Board views:** The potential for impacts is applicable to a small geographic area and the probability of impacts occurring is considered to be low, with potential adverse effects anticipated to be low in magnitude, infrequent in occurrence and reversible in nature. The Proponent has committed to ensuring that water sampling activities do not impact water quality or quantity, and that no fuel, chemical or other hazardous materials will be utilized for samples collection (see Proponent Commitments section).

The Proponent would require authorization for water use without licence from the Nunavut Water Board and would also be required to follow the *Fisheries Act* (see Regulatory Requirements section).

**Recommended Mitigation Measures:** It is recommended that the potential negative impacts be mitigated by measures such as requiring the Proponent to ensure that all garbage and debris be properly managed during research activities and to ensure that rivers/lakebeds

are not disturbed during the research activities. The following terms and conditions are recommended to mitigate the potential adverse impacts: 5, 6 and 12.

**Issue 3:** Potential negative impacts to public and traditional land use activities in the project areas due to overland travel to access water sampling sites.

**Board Views:** The proposed project activity would occur within the municipal boundaries of Iqaluit and due to the close proximity to local residences it is possible that the area may currently be used for recreational/traditional activities at present. Noise from the research activities may temporarily change distribution of harvested species through avoidance and may affect personal enjoyment of the land. Terms and conditions have been recommended to ensure safety to the public and to minimize impacts to traditional land use activities.

**Recommended Mitigation Measures:** Terms and conditions 13 and 15 have been recommended to ensure that project activities do not interfere with Inuit wildlife harvesting or traditional land use activities in the area.

**Socio-economic effects on northerners:**

**Issue 4:** Potential negative impacts to historical, cultural and archaeological sites from overland travel to access water sampling sites.

**Board Views:** The Proponent has noted that no sites of known archeological and paleontological are associated with the project areas. The probability of impacts occurring is considered to be low in magnitude, and it is unlikely that the proposed overland transportation and subsequent water sampling activities would interact with any known archaeological and palaeontological resources in the area.

The Proponent is required to follow the *Nunavut Act* (as recommended in Regulatory Requirements section) and would be required to contact the Culture and Heritage Department when encountering historical sites or archeological sites (see Regulatory Requirements section).

**Recommended Mitigation Measures:** Term and condition 13 is recommended to ensure that available Inuit Qaujimaningit can inform project activities, and reduce the potential for negative impacts occurring to any additional historical sites.

**Issue 5:** Potential positive impact to the local economy as the Proponent has committed to hiring and training local personnel to undertake research activities.

**Board Views:** It is noted that the Proponent has committed to support the existing Nunavut Research Institute community-based water quality monitoring program by hiring and training local personnel in water sampling and parasite testing which is considered a continued positive impact.

Recommended Mitigation Measures: Term and condition 14 has been recommended to ensure the Proponent continues to inform the community of research activities and findings as well as provide community members with information to ensure a successful local hiring opportunity.

**Significant public concern:**

**Issue 6:** No significant public concern was expressed during the public commenting period for this file.

Board Views: Follow up consultation and involvement of local community members is expected to mitigate any potential for public concern resulting from project activities. In addition, it is recommended that the Proponent considers hiring local people for the project activities.

Recommended Mitigation Measures: Term and condition 13 is recommended to ensure that the affected community and organizations are informed about the project proposal, and to provide the Proponent with an opportunity to proactively address or mitigate any concerns that may arise from the project activities. Term and condition 15 is recommended to ensure that the Proponent provides community members with information to ensure a successful local hiring opportunity.

**Technological innovations for which the effects are unknown:**

No specific issues have been identified associated with this project proposal.

In considering the above factors and subject to the Proponent's compliance with the terms and conditions necessary to mitigate against the potential adverse environmental and social effects, the Board is of the view that the proposed project is unlikely to cause significant public concern and its adverse ecosystemic and socioeconomic impacts are unlikely to be significant, or are highly predictable and can be adequately mitigated by known technologies.

RECOMMENDED PROJECT-SPECIFIC TERMS AND CONDITIONS

The Board is recommending the following specific terms and conditions to apply in respect of the project:

**General**

1. University of Guelph (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times.
2. The Proponent shall forward copies of all permits obtained and required for this project to the Nunavut Impact Review Board (NIRB) prior to the commencement of the project.
3. The Proponent shall operate in accordance with all commitments stated in correspondence provided to the Nunavut Planning Commission (Application to Determine Conformity, June



8, 2016) and the NIRB (Online Application Form, and Non-technical summaries June 15, 2016, including translated NIRB Part 1 form June 20, 2016).

4. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.

#### **Water Use**

5. The Proponent shall not use water, including constructing or disturbing any stream, lakebed or the banks of any definable water course unless approved by the Nunavut Water Board.

#### **Waste Disposal**

6. The Proponent shall keep all garbage and debris in bags placed in a covered metal container or equivalent until disposed of at an approved facility. All such wastes shall be kept inaccessible to wildlife at all times.

#### **Wildlife - General**

7. The Proponent shall ensure that there is no damage to wildlife habitat in conducting this operation.
8. The Proponent shall not harass wildlife. This includes persistently worrying or chasing animals, or disturbing large groups of animals. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.
9. The Proponent shall ensure that all project personnel are made aware of the measures to protect wildlife and are provided with training and/or advice on how to implement these measures.

#### **Migratory Birds and Raptors Disturbance**

10. The Proponent shall not disturb or destroy the nests or eggs of any birds. If nests are encountered and/or identified, the Proponent shall take precaution to avoid further interaction and or disturbance (e.g., a 100 metres buffer around the nests). If active nests of any birds are discovered (i.e., with eggs or young), the Proponent shall avoid these areas until nesting is complete and the young have left the nest.
11. The Proponent shall minimize activities during periods when birds are particularly sensitive to disturbance such as migration, nesting and moulting.

#### **Ground Disturbance**

12. The Proponent shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles must be suspended if rutting occurs.

#### **Other**

13. The Proponent should engage with local residents regarding planned activities in the area and should solicit available Inuit Qaujimaningit and information regarding current recreational and traditional usage of the project area which may inform project activities. Posting of translated public notices and direct engagement with potentially interested groups and individuals prior to undertaking project activities is strongly encouraged.
14. The Proponent should, to the extent possible, hire local people.

15. The Proponent shall ensure that project activities do not interfere with Inuit wildlife harvesting or traditional land use activities.

## OTHER NIRB CONCERNS AND RECOMMENDATIONS

In addition to the project-specific terms and conditions, the Board is recommending the following:

### Change in Project Scope

1. Responsible authorities or Proponent shall notify the Nunavut Planning Commission (NPC) and the NIRB of any changes in operating plans or conditions, including phase advancement, associated with this project prior to any such change.

### Bear and Carnivore Safety

2. The Proponent should review the Government of Nunavut's booklet on Bear Safety, which can be downloaded from this link: [http://gov.nu.ca/sites/default/files/bear\\_safety\\_-\\_reducing\\_bear-people\\_conflicts\\_in\\_nunavut.pdf](http://gov.nu.ca/sites/default/files/bear_safety_-_reducing_bear-people_conflicts_in_nunavut.pdf). Further information on bear/carnivore detection and deterrent techniques can be found in the "Safety in Grizzly and Black Bear Country" pamphlet, which can be downloaded from this link: [http://www.enr.gov.nt.ca/sites/default/files/web\\_pdf\\_wd\\_bear\\_safety\\_brochure\\_1\\_may\\_2015.pdf](http://www.enr.gov.nt.ca/sites/default/files/web_pdf_wd_bear_safety_brochure_1_may_2015.pdf).

There are polar bear and grizzly bear safety resources available from the Bear Smart Society with videos on polar bear safety available in English, French and Inuktitut at <http://www.bearsmart.com/play/safety-in-polar-bear-country/>. Information can also be obtained from Parks Canada's website on bear safety at the following link: <http://www.pc.gc.ca/eng/pn-np/nu/quttinirpaaq/visit/visit6/d.aspx> or in reviewing the "Safety in Polar Bear Country" pamphlet, which can be downloaded from the following link: [http://www.pc.gc.ca/eng/pn-np/nu/quttinirpaaq/visit/visit6/~media/pn-np/nu/auyuittuq/pdf/shared/PolarBearSafety\\_English.ashx](http://www.pc.gc.ca/eng/pn-np/nu/quttinirpaaq/visit/visit6/~media/pn-np/nu/auyuittuq/pdf/shared/PolarBearSafety_English.ashx).

### Species at Risk

3. The Proponent review Environment Canada's "Environment Assessment Best Practice Guide for Wildlife at Risk in Canada", available at the following link: [http://www.sararegistry.gc.ca/virtual\\_sara/files/policies/EA%20Best%20Practices%202004.pdf](http://www.sararegistry.gc.ca/virtual_sara/files/policies/EA%20Best%20Practices%202004.pdf). The guide provides information to the Proponent on what is required when Wildlife at Risk, including *Species at Risk*, are encountered or affected by the project.

### Migratory Birds

4. The Proponent review Canadian Wildlife Services' "Key migratory bird terrestrial habitat sites in the Northwest Territories and Nunavut", available at the following link: <http://publications.gc.ca/site/eng/317630/publication.html> and "Key marine habitat sites for migratory birds in Nunavut and the Northwest Territories", available at the following link: <http://publications.gc.ca/site/eng/392824/publication.html>. The guide provides information to the Proponent on key terrestrial and marine habitat areas that are essential to the welfare of various migratory bird species in Canada.

5. For further information on how to protect migratory birds, their nests and eggs when planning or carrying out project activities, consult Environment and Climate Change Canada's Incidental Take web page and the fact sheet "Planning Ahead to Reduce the Risk of Detrimental Effects to Migratory Birds, and their Nests and Eggs" available at <http://www.ec.gc.ca/paom-itmb/>.

#### REGULATORY REQUIREMENTS

The Proponent is also advised that the following legislation may apply to the project:

1. The *Fisheries Act* (<http://laws-lois.justice.gc.ca/eng/acts/F-14/index.html>).
2. The *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (<http://laws-lois.justice.gc.ca/eng/acts/n-28.8/>).
3. The *Migratory Birds Convention Act* and *Migratory Birds Regulations* (<http://laws-lois.justice.gc.ca/eng/acts/M-7.01/>).
4. The *Species at Risk Act* (<http://laws-lois.justice.gc.ca/eng/acts/S-15.3/index.html>). Attached in **Appendix A** is a list of Species at Risk in Nunavut.
5. The *Wildlife Act* (<http://www.canlii.org/en/nu/laws/stat/snu-2003-c-26/latest/snu-2003-c-26.html>) which contains provisions to protect and conserve wildlife and wildlife habitat, including specific protection measures for wildlife habitat and species at risk.

#### CONCLUSION

The foregoing constitutes the Board's screening decision with respect to the University of Guelph "Surface Water Quality in Iqaluit, Nunavut".

Dated July 15, 2016 at Arviat, NU.



Elizabeth Copland, Chairperson

Attachments: Appendix A: Species at Risk in Nunavut

## Appendix A

### Species at Risk in Nunavut

This list includes species listed on one of the Schedules of SARA (*Species at Risk Act*) and under consideration for listing on Schedule 1 of SARA. These species have been designated as at risk by COSEWIC (Committee on the Status of Endangered Wildlife in Canada). This list may not include all species identified as at risk by the Territorial Government.

- Schedule 1 is the official legal list of Species at Risk for SARA. SARA applies to all species on Schedule 1. The term “listed” species refers to species on Schedule 1.
- Schedule 2 and 3 of SARA identify species that were designated at risk by the COSEWIC prior to October 1999 and must be reassessed using revised criteria before they can be considered for addition to Schedule 1.
- Some species identified at risk by COSEWIC are “pending” addition to Schedule 1 of SARA. These species are under consideration for addition to Schedule 1, subject to further consultation or assessment.

Schedules of SARA are amended on a regular basis so it is important to check the SARA registry ([www.sararegistry.gc.ca](http://www.sararegistry.gc.ca)) to get the current status of a species.

Updated: June 2015

Species at Risk <sup>1</sup>	COSEWIC Designation	Schedule of SARA	Government Organization with Primary Management Responsibility <sup>2</sup>
Eskimo Curlew	Endangered	Schedule 1	Environment Canada (EC)
Ivory Gull	Endangered	Schedule 1	EC
Ross's Gull	Threatened	Schedule 1	EC
Harlequin Duck (Eastern population)	Special Concern	Schedule 1	EC
Rusty Blackbird	Special Concern	Schedule 1	Government of Nunavut (GN)
Peregrine Falcon	Special Concern ( <i>anatum-tundrius</i> complex <sup>3</sup> )	Schedule 1 - Threatened ( <i>anatum</i> ) Schedule 3 – Special Concern ( <i>tundrius</i> )	GN
Short-eared Owl	Special Concern	Schedule 3	GN
Red Knot ( <i>rufa</i> subspecies)	Endangered	Schedule 1	EC
Red Knot ( <i>islandica</i> subspecies)	Special Concern	Schedule 1	EC
Horned Grebe (Western population)	Special Concern	Pending	EC
Red-necked Phalarope	Special concern	Pending	EC
Buff-breasted Sandpiper	Special concern	Pending	EC
Felt-leaf Willow	Special Concern	Schedule 1	GN
Porsild's Bryum	Threatened	Schedule 1	GN
Peary Caribou	Endangered	Schedule 1	GN
Barren-ground Caribou	Special Concern	Schedule 1	GN

<b>Species at Risk <sup>1</sup></b>	<b>COSEWIC Designation</b>	<b>Schedule of SARA</b>	<b>Government Organization with Primary Management Responsibility <sup>2</sup></b>
(Dolphin and Union population)			
Polar Bear	Special Concern	Schedule 1	GN/Fisheries and Oceans Canada (DFO)
Grizzly Bear	Special Concern	Pending	GN
Wolverine	Special Concern	Pending	GN
Atlantic Cod, Arctic Lakes	Special Concern	Pending	DFO
Atlantic Walrus	Special Concern	Pending	DFO
Beluga Whale (Cumberland Sound population)	Threatened	Schedule 2	DFO
Beluga Whale (Eastern Hudson Bay population)	Endangered	Pending	DFO
Beluga Whale (Western Hudson Bay population)	Special Concern	Pending	DFO
Beluga Whale (Eastern High Arctic – Baffin Bay population)	Special Concern	Pending	DFO
Bowhead Whale (Eastern Canada – West Greenland population)	Special Concern	Pending	DFO
Bowhead Whale (Eastern Arctic population)		Schedule 2	DFO
Killer Whale (Northwest Atlantic / Eastern Arctic populations)	Special Concern	Pending	DFO
Narwhal	Special Concern	Pending	DFO

<sup>1</sup> The Department of Fisheries and Oceans has responsibility for aquatic species.

<sup>2</sup> Environment Canada (EC) has a national role to play in the conservation and recovery of Species at Risk in Canada, as well as responsibility for management of birds described in the Migratory Birds Convention Act (MBCA). Day-to-day management of terrestrial species not covered in the MBCA is the responsibility of the Territorial Government. Populations that exist in National Parks are also managed under the authority of the Parks Canada Agency.

<sup>3</sup> The *anatum* subspecies of Peregrine Falcon is listed on Schedule 1 of SARA as threatened. The *anatum* and *tundrius* subspecies of Peregrine Falcon were reassessed by COSEWIC in 2007 and combined into one subpopulation complex. This subpopulation complex was assessed by COSEWIC as Special Concern