

Table 2: Migratory Bird Setbacks

How to Use This Table:

First, consult *Table 1: Land Use Designations* to identify the prohibitions in place for a given key habitat site. For activities that are not prohibited, determine the type of setbacks that are relevant from Table 1, and then use *Table 2: Migratory Birds Setbacks* to identify the specific details for the type of activities and type of birds under consideration.

Table 2: Migratory Bird Setbacks is divided according to type of activity (aerial, marine, and terrestrial), and by different bird groups. The first row provides information on setbacks in place for migratory birds generally. Subsequent rows provide information on more specific setbacks in place for various bird groups. In some cases setbacks for certain bird groups will also apply to other bird groups but may include additional restrictions. For example, the aerial setbacks for All Seabirds include a lateral setback of 3 km from the seaward side of seaward colonies PLUS the setbacks listed for All Migratory Birds. The Table is constructed this way to ensure that setbacks are only placed where they are needed to avoid being overly restrictive.

Note that setbacks do not apply to scientific research vessels, scientific research, or traditional hunting or fishing activities.

Bird Group	Aerial Setbacks ¹	Marine Setbacks ²	Terrestrial Setbacks
All Migratory Birds	<p>SEASONAL (WHEN BIRDS ARE PRESENT)</p> <p>All overflying aircraft:</p> <ul style="list-style-type: none"> • maintain minimum vertical setback of 1100 m (3500 feet) in areas where concentrations of birds are present • maintain minimum lateral aerial setback of 1.5 km from concentrations of birds (e.g. bird breeding colonies and moulting areas) 	None	<p>SEASONAL (WHEN BIRDS ARE PRESENT)</p> <ul style="list-style-type: none"> • 300 m setback from concentrations of birds (e.g. bird breeding colonies and moulting areas)
All Seabirds	<p>SEASONAL (WHEN BIRDS ARE PRESENT)</p> <p>Setbacks for All Migratory Birds above, plus</p> <ul style="list-style-type: none"> • lateral setback of 3 km from the seaward side of seabird colonies 	<p>SEASONAL (WHEN BIRDS ARE PRESENT)</p> <ul style="list-style-type: none"> • 500 m setback for ships from seabird colonies when birds are present • 100 m setback from seabird colonies for zodiacs, kayaks and other small launch vessels 	See All Migratory Birds above

Bird Group	Aerial Setbacks ¹	Marine Setbacks ²	Terrestrial Setbacks
Ivory Gulls	See All seabirds above	SEASONAL (WHEN BIRDS ARE PRESENT) • 2 km setback distance from breeding sites	SEASONAL (WHEN BIRDS ARE PRESENT) • 2 km setback distance from breeding sites
Coastal Waterfowl and Seaducks	SEASONAL (WHEN BIRDS ARE PRESENT) All migratory birds above, plus • lateral setback of 3 km from flocks of coastal waterfowl and seaducks	SEASONAL (WHEN BIRDS ARE PRESENT) • 500 m setback distance from seaduck colonies, moulting aggregations of seaducks and waterfowl	See All Migratory Birds above

¹ Aircraft shall endeavour to maintain, subject to pilot discretion regarding aircraft and human safety, and except for specified operational purposes such as take offs and landings, etc., the proposed vertical and lateral aerial setbacks.

² Subject to situations in which the safety of vessel, crew and passengers will need to come first.”

Table 4: Community Priorities and Values for Marine Areas

Community	Polar Bear	Walrus	Birds	Fish	Would Like to See Protection	Marine Mammals	Polynyas	Concerned about oil & gas	Support Oil & Gas	Concerned About Shipping	Preferred Shipping Routes	Land Mammals	Shellfish
Arctic Bay	x	x	x	x	x	x		x		x		x	
Arviat	x		x	x	x	x						x	
Baker Lake			x	x	x							x	
Cambridge Bay													
Cape Dorset		x	x	x	x	x				x	x	x	x
Coral Harbour	x	x	x	x	x	x		x					x
Chesterfield Inlet		x	x	x	x	x				x	x	x	
Clyde River	x	x	x	x	x	x		x	x		x	x	
Grise Fiord	x	x	x	x	x	x							
Gjoa Haven	x		x	x	x	x				x		x	
Hall Beach	x	x	x	x	x	x						x	
Igloolik	x	x	x	x	x	x				x	x	x	
Iqaluit	x	x	x	x	x	x							x
Kugaaruk			x	x	x	x						x	x
Kugluktuk	x		x	x	x	x						x	
Kimmirut	x	x	x	x	x	x		x				x	
Pangnirtung	x	x	x	x	x	x				x			x
Pond Inlet	x	x	x	x	x	x		x		x		x	
Qikiktarjuaq		x	x	x	x	x							x
Resolute	x	x	x	x	x	x	x			x		x	
Rankin Inlet	x		x	x	x	x						x	
Repulse Bay	x	x	x	x	x	x		x				x	
Sanikiluaq	x	x	x	x	x	x						x	x
Taloyoak	x		x	x	x	x						x	
Whale Cove	x		x	x	x	x						x	
Ivujivik	x	x	x	x	x	x							
Salluit	x	x	x	x	x	x						x	x

Table 6: Data Sources for Nunavut Land Use Plan – Draft 2016

Goal / Theme	Subcategory		ID Labels	Provider
PSE	Key Bird Habitat Sites		1-37	Environment Canada; original data updated 2016 excluding new National Wildlife areas and refined Migratory Bird Sanctuaries. Refer to data originator for data updates and usage policies. Original source: P.B. Latour, J. Leger, J.E. Hines, M.L. Mallory, D.L. Mulders, H.G. Gilchrist, P.A. Smith, D.L. Dickson, 2008
	Caribou	Calving, Post-Calving and Key Access Corridors	38-40	Government of Nunavut; Department of Environment, original data provided in 2014 based on data collected between 1993 and 2012
		Trans island movements	154	World Wildlife Fund; provided in 2014, digitized by WWF Global Arctic Programme from Figure 7 of D. Jenkins & N. Lecomte (2012). All about ice: Peary Caribou Movements in the Bathurst Islands Complex. Highlights report, Department of Environment, Government of Nunavut.
		Freshwater Crossings	159	Government of Nunavut; Department of Environment, Kivalliq Wildlife Board, Caribou Protection Measure, Rankin Inlet HTO.
		Sea Ice Crossings	152-153	Government of Nunavut; Department of Environment, Caribou Sea Ice Crossings, 2014
	Polar Bear Habitat		B43	Government of Nunavut; Department of Environment, Polar Bear Denning, 2014
	Walrus Haul-Outs		41	Digitized May 28, 2014 by NPC, based on a report by Government of Canada Department of Fisheries and Oceans. Stewart, R.E.A., J.W. Hamilton, and J.B. Dunn. "Results of Foxe Basin walrus surveys"; 2010-2011. May 2013.
	Marine Areas of Importance	Ecologically and Biologically Significant Areas (EBSA)	B6-B42	Department of Fisheries and Oceans; 24/11/2011.
		Polynyas	B1	World Wildlife Fund; original data created for World Wildlife Fund Global Arctic Programme, provided 2014.
		Lancaster Sound and North Water Polynyas	157-158	World Wildlife Fund; original data created for World Wildlife Fund Global Arctic Programme, provided 2014.
	Transboundary Considerations		B2	Created at NPC in 2009 by clipping Natural Resources Canada basin data to reflect importance shown in Sahtu Land Use Planning Board draft plan
	Beluga Calving Grounds		161	Digitized by the NPC based on submission by the Kivalliq Wildlife Board (2016).
	ECP	National Parks awaiting full establishment		42
Territorial Parks awaiting full establishment		137-146	Government of Nunavut. (June 19, 2015). <i>Government of Nunavut's 2014 Draft Nunavut Land Use Plan Review Report</i> .	
Proposed Territorial Parks		147-151	Government of Nunavut. (June 19, 2015). <i>Government of Nunavut's 2014 Draft Nunavut Land Use Plan Review Report</i> .	
Proposed National Marine Conservation Areas		44	Parks Canada, 11/03/2011	
Thelon Wildlife Sanctuary		45	Atlas Of Canada conservation areas from 01/11/2009, clipped to Nunavut Boundary at NPC	
Migratory Bird Sanctuaries		46-53	Environment Canada; original data updated 2014 with new National Wildlife areas and refined Migratory Bird Sanctuaries. Refer to data originator for data updates and usage policies.	

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	National Wildlife Areas	54-58	Environment Canada; original data updated 2014 with new National Wildlife areas and refined Migratory Bird Sanctuaries. Refer to data originator for data updates and usage policies.	
	Historic Sites	59-66	Parks Canada National Historic Sites, 23/02/2010	
		67-69	Created from coordinates in Territorial Historical Resources Act (June 4, 2010), and based on text, capture of features (i.e. islands) described at location	
	Heritage Rivers	Soper Heritage River	70	Government of Nunavut, provided May 2014.
		Heritage Rivers Areas of Significance	155-156	Digitized by NPC from the Thelon Heritage River Management Plan and the Kazan Heritage River Management Plan (1990).
BHC	Areas of Community Interest	71	Hiukitak River digitized at NPC in 2011 from PDF provided by Kitikmeot Inuit Association.	
		72-76	Moffett Inlet, Duke of York Bay, Nettilling Lake, and Walrus Island digitized by NPC by waterbody feature layer (1:250,000) derived from Nunamap II with waterbodies over 50 hectares and a 1-km buffer applied.	
		160, 171	Diana River and Essential Char Fishing Rivers digitized by the NPC based on submission by the Kivillaq Wildlife Board (2016).	
	Area of equal Use and Occupancy	77	Existing data at NPC from section 40-1 of NLCA	
	Unincorporated Communities	78-79	Bathurst Inlet and Umingmaktok, digitized with 2 km buffer at NPC	
	Alternative Energy Sources	80-82	Digitized by NPC from Qulliq Energy Corporation study (Identification and Evaluation of Hydro-electric Generation Opportunities - 2008)	
	Community Drinking Water Supplies	162-170	Created at the NPC on 29/09/2009 by delineating from 1:250,000 Nunamap II data	
	Land Remediation	114-115	300 metre buffering of DND and INAC points of remediation point references, 07/11/2010, updated from list provided in April, 2014 GOC submission.	
	Contaminated Sites	85-98	Government of Canada: Table in Annex C of comment submission for landfills – update from Northern Contaminated Sites Program Data - buffered at NPC from original data provided by AANDC	
	DND Establishments	99-105	Government of Canada: Table in Annex C of comment submission.	
	North Warning System Sites	106-135	Government of Canada: Table in Annex C of comment submission.	
ESED	Mineral Development leading to mining activity	240-247	Data provided by AANDC with submission to NLUP April 2014	
	Oil and Gas Significant Discovery Licenses	168	Oil and Gas Significant Discovery Licenses, from Northern Oil and Gas Management, INAC, 2008	
	Commercial Fisheries Potential for Char and Turbot	D16-D17	Provided as part of original Jacques Whitford Report, 01/09/2008; reviewed by GN Department of Environment, 2009-10 Original data from Arctic Marine Workshop, 1991. Government of Nunavut 2005 Nunavut Fisheries Strategy	
	Cumberland Sound Turbot Area	136	Digitized from map provided as part of DFO comments in GOC submission, July 2013	
Administrative Base	IOL inside Municipal Boundaries	N/A	Natural Resources Canada Cadastral data	
	IOL outside Municipal Boundaries	N/A	Nunavut Tunngavik Incorporated	
	Athabasca Denesuline Area of Asserted Title Claim	N/A	Athabasca Denesuline, 2011	
	Manitoba Denesuline Area of Asserted Title Claim	N/A	Manitoba Denesuline, 2011	

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	Area of equal Use and Occupancy	N/A	Existing data at NPC from section 40-1 of NLCA
	Municipal Boundaries	N/A	Natural Resources Canada Cadastral data, 2010
	Nunavut Settlement Area	N/A	Geobase
	Outer Land Fast Ice Zone	N/A	Digitized by NPC from pdf provided by Natural Resources Canada and Government of Nunavut, and crosschecked with Nunavut Land Claims Agreement for accuracy
	Draft NPC Planning Regions	N/A	NTI, Regional Inuit Association boundaries, 2011
	LUPDNA	N/A	Area where NPC land use plan does not apply. Established Parks from Geobase, updated with information from Government of Nunavut, Department of Environment, May 2014
	Key map (land)	N/A	Atlas of Canada 1 to 1 million scale data
Base	Bathymetry	N/A	Geogratis
	Land outside Nunavut	N/A	Geogratis
	National Road Network	N/A	Geobase
	Water Features in Nunavut	N/A	Nunamap II, created by NPC from original Natural Resources Canada Topographic data at 1:250,000 scale
	Basemap with hillshade	N/A	Created at NPC using ESRI spatial analyst and swiss hillshade method from Canada 3DEM data.
	Baffinland Marine Transportation Corridor		NPC generated for North Baffin Regional Land Use Plan amendment
	Mining related transportation corridors		Data provided by AANDC with submission to NLUP April 2014
	Proposed Manitoba Road		Economic Development and Transportation, Government of Nunavut, J.D. Mollard and Associates, 03/03/2011
	Meadowbank Road		Originally built from text coordinates received from Agnico Eagle, 2008
	Miine Inlet Tote Road		Original file from Baffinland Mary River Project, received 16/04/2009
Land Use Planning in the Nunavut Settlement Area	Inuit Qaujimanituqangnit Guiding Principles	Pg 31*	Government of Nunavut. <i>Pinasuaqtavut 2004-2009</i> . Tagalik, S. 2009-10. <i>Inuit Qaujimajatuqangit: The role of Indigenous knowledge in supporting wellness in Inuit communities in Nunavut</i> . National Collaborating Centre for Aboriginal Health. Nunavut Department of Education. 2007. <i>Inuit Qaujimajatuqangit: Education framework for Nunavut curriculum</i> . Nunavut Department of Education, Curriculum and School Services.
Implementation Strategy	Grandfathering of Existing Rights in respect of Projects	Pg 81*	Indigenous and Northern Affairs Canada. 2014. <i>FAQ about mineral exploration in the North</i> . Retrieved from https://www.aandc-aandc.gc.ca/eng/1330455384297/1330455442957 Ontario Ministry of Northern Development and Mines. 2015. <i>Staking</i> . Retrieved from http://www.mndm.gov.on.ca/en/mines-and-minerals/mining-sequence/exploration/staking
Definitions	Inuit Impact Benefit Agreement	N/A	Qikiqtani Inuit Association. 2014. <i>Inuit impact and benefit agreements</i> . Retrieved from http://www.qia.ca/en/Inuit_Impact_Benefit_Agreements
	National Marine Conservation Area	N/A	Parks Canada. 2015. <i>National marine conservation areas of Canada</i> . Retrieved from http://www.pc.gc.ca/eng/progs/amnc-nmca/index.aspx