

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
May 28, 2024	American robin	1					1	Flying	TIA
May 28, 2024	Ptarmigan	1					1	Walking	TIA
May 29, 2024	Grizzly bear	2	1			1		Walking and eating	Windy
May 29, 2024	Sandhill crane	5					5	Standing and walking	Windy
May 30, 2024	Grizzly bear	2			1	1		Walking	Windy
May 30, 2024	Hawk						1	Flying	Windy
May 30, 2024	Sandhill crane	3					3	Flying	Windy
May 30, 2024	Seal	1					1	Sitting	Roberts Bay
May 30, 2024	Snow goose	2		1	1			Eating/Swimming	Windy
May 31, 2024	Eider duck	1					1	Flying	Windy
May 31, 2024	Grizzly bear	2					2	Walking	Windy
May 31, 2024	Rough-legged hawk	1					1	Sitting	Windy
May 31, 2024	Sandhill crane	1					1	Standing and walking	Windy
May 31, 2024	Greater white-fronted goose	2		1	1			Sitting, walking, and eating	Windy
June 1, 2024	American robin	2					2	Flying and standing	Doris
June 1, 2024	Arctic hare	1					1	Resting	Doris
June 1, 2024	Caribou	8					8	Feeding and walking	Windy
June 1, 2024	Common redpoll	2					2	Flying	Roberts Bay
June 1, 2024	Fox	1					1	Walking/Eating	Windy
June 1, 2024	Muskox	Unknown						Walking	TIA
June 1, 2024	Ptarmigan	2					2	Feeding and resting	Doris
June 1, 2024	Ptarmigan	1					1	Calling	Doris
June 1, 2024	Sandhill crane	3					3	Flying	Roberts Bay
June 2, 2024	American robin	1					1	Flying/Singing	TIA
June 2, 2024	Caribou	8					8	Feeding and walking	Doris
June 2, 2024	Common redpoll	2					2	Singing	TIA
June 2, 2024	Horned lark	1					1	Singing	TIA
June 2, 2024	Ptarmigan	1					1	Resting	TIA
June 3, 2024	Canada goose	1					1	Walking	Windy
June 3, 2024	Caribou	1		1				Eating/Grazing	Windy
June 3, 2024	Caribou	4					4	Walking	Windy
June 3, 2024	Caribou	6					6	Eating/Walking	Windy
June 3, 2024	Grizzly bear	2	1			1		Walking	Windy

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
June 3, 2024	Peregrine falcon	2		1	1			Defending nest	Windy
June 3, 2024	Red fox	1					1	Walking	Windy
June 4, 2024	Northern pintail duck	1					1	Flying	Doris
June 5, 2024	Arctic hare	3					3	Walking	Roberts Bay
June 5, 2024	Caribou	4					4	Walking	TIA
June 5, 2024	Fox	1					1	Walking	Doris
June 6, 2024	Grizzly bear	1	1				1	Walking	Windy
June 6, 2024	Grizzly bear	1	1				1	Walking	Roberts Bay
June 7, 2024	Golden eagle	2					2	Flying	Windy
June 8, 2024	Arctic hare	1					1	Eating	Doris
June 8, 2024	Caribou	1					1	Walking	Windy
June 9, 2024	Red fox	1					1	Walking	Windy
June 10, 2024	Caribou	4					4	Eating/Walking/Running	Windy
June 10, 2024	Grizzly	1					1	Walking	Windy
June 11, 2024	Caribou	5					5	Eating	Windy
June 11, 2024	Grizzly	1					1	Walking	Roberts Bay
June 11, 2024	Ptarmigan	1					1	Walking	Doris
June 12, 2024	Caribou	4					4	Walking	Windy
June 12, 2024	Caribou	1					1	Walking	Windy
June 12, 2024	Red fox	1					1	Walking	Doris
June 12, 2024	Red fox	1					1	Walking	Windy
June 13, 2024	Muskox	20					20	Eating	Windy
June 14, 2024	Caribou	4					4	Grazing	Windy
June 14, 2024	Caribou	4					4	Grazing/Resting	Doris
June 14, 2024	Fox	1					1	Walking	Doris
June 14, 2024	Grizzly	1					1	Walking	Roberts Bay
June 15, 2024	Caribou	4					4	Running	Windy
June 15, 2024	Caribou	2					2	Walking	Windy
June 15, 2024	Fox	1					1	Walking	TIA
June 16, 2024	Caribou	6					6	Grazing/Resting	Doris
June 16, 2024	Caribou	1		1				Walking	Doris
June 17, 2024	Caribou	4					4	Grazing	Windy
June 17, 2024	Fox	1					1	Walking	Windy

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
June 17, 2024	Fox	1	1					Walking	Doris
June 17, 2024	Fox	1					1	Walking	Doris
June 17, 2024	Muskox	7					7	Eating/Walking	Doris
June 19, 2024	Caribou	6					6	Walking	Roberts Bay
June 20, 2024	Caribou	5					4	Grazing	Roberts Bay
June 20, 2024	Caribou	16					16	Grazing/Walking	Doris
June 20, 2024	Caribou	3					3	Grazing	TIA
June 20, 2024	Caribou	4					4	Walking, running, playing, and swimming	Windy
June 20, 2024	Crane	1					1	Standing	Windy
June 20, 2024	Fox	1					1	Walking	Doris
June 20, 2024	Muskox	4					4	Eating, walking, running, and playing	Windy
June 21, 2024	Caribou	6					5	Grazing/Walking	Windy
June 21, 2024	Caribou	15+					15+	Grazing/Walking	Doris
June 21, 2024	Caribou	6					6	Eating, walking, and sleeping	Windy
June 21, 2024	Caribou	1					1	Eating	Windy
June 21, 2024	Caribou	3					3	Walking and playing	Doris
June 21, 2024	Muskox	4					4	Grazing	Doris
June 21, 2024	Muskox	21					21	Walking	Doris
June 22, 2024	Caribou	1					1	Walking/Resting	Doris
June 23, 2024	Arctic hare	1					1	Resting/Walking	TIA
June 23, 2024	Caribou	3					3	Walking	Doris
June 24, 2024	Caribou	1					1	Resting	Doris
June 24, 2024	Caribou	15					15	Eating, walking, and running	Doris
June 24, 2024	Grizzly	1					1	Walking and chasing	Windy
June 25, 2024	Caribou	1					1	Walking and running	Doris
June 25, 2024	Grizzly	1					1	Walking, running, and playing	Windy
June 25, 2024	Grizzly	1					1	Walking and resting	Doris
June 26, 2024	Caribou	1	1					Feeding/Walking	Windy
June 26, 2024	Cranes	4					4	Standing	Windy
June 27, 2024	Caribou	4	2			2		Walking	Windy
June 27, 2024	Caribou	1		1				Laying down	Windy
June 27, 2024	Caribou	7					7	Walking	Doris
June 27, 2024	Caribou	6					6	Walking	Doris

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
June 27, 2024	Caribou	1		1				Grazing	Windy
June 27, 2024	Caribou	3		3				Walking/Grazing	TIA
June 27, 2024	Fox	1					1	Lurking	Doris
June 27, 2024	Fox	1					1	Walking	Windy
June 28, 2024	Caribou	4					4	Walking	Windy
June 28, 2024	Caribou	7					7	Eating	TIA
June 28, 2024	Caribou	1					1	Eating	Doris
June 29, 2024	Caribou	4					4	Sleeping	Doris
June 29, 2024	Caribou	3					3	Grazing	Windy
June 29, 2024	Caribou	5					5	Walking	Doris
June 29, 2024	Muskox	2					2	Grazing	Windy
June 30, 2024	Arctic hare	1					1	Hopping	Doris
June 30, 2024	Caribou	2					2	Ground	Doris
June 30, 2024	Caribou	1					1	Walking	Doris
June 30, 2024	Caribou	3					3	Walking	Doris
June 30, 2024	Caribou	1					1	Eating	TIA
June 30, 2024	Caribou	5	2			3		Eating	Windy
June 30, 2024	Grizzly	1					1	Walking	Roberts Bay
July 1, 2024	Caribou	1					1	Drinking	Roberts Bay
July 2, 2024	Grizzly	2	1			1		Walking	Roberts Bay
July 5, 2024	Grizzly bear	1					1	Resting/Walking	Doris
July 6, 2024	Canada goose	2	2					Nesting	Doris
July 6, 2024	Caribou	1					1	Walking	Windy
July 6, 2024	Caribou	1		1				Grazing	Windy
July 6, 2024	Caribou	6					6		Unspecified
July 6, 2024	Pacific loon	2	2			2		Swimming	Doris
July 6, 2024	Red fox	1					1	Walking	Doris
July 6, 2024	Red-throated loon	1					1	Nesting	Windy
July 6, 2024	Caribou	1		1				Eating/Walking	TIA
July 7, 2024	American robin	2					2	Flying	TIA
July 7, 2024	Arctic hare	1	1					Resting	Doris
July 7, 2024	Caribou	1	1					Walking/Feeding	Windy
July 7, 2024	Peregrine falcon	1					1	Flying	Doris

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
July 7, 2024	Red fox	1					1	Walking	Windy
July 7, 2024	Rough-legged hawk	2					2	Soaring	Windy
July 8, 2024	Arctic hare	1					1	Eating	Doris
July 8, 2024	Caribou	3					3	Laying down	Doris
July 8, 2024	Caribou	4		1			3	Eating	Doris
July 9, 2024	Caribou	5					5	Walking	Doris
July 9, 2024	Caribou	1	1				1	Walking	Doris
July 9, 2024	Caribou	3	1			1		Walking	Doris
July 9, 2024	Caribou	3					3	Walking	Roberts Bay
July 9, 2024	Caribou	1		1				Running/Eating	Doris
July 9, 2024	Caribou	2		1	1			Walking	TIA
July 9, 2024	Fox	1				1		Walking	Doris
July 9, 2024	Peregrine falcon	1					1	Flying	Doris
July 9, 2024	Sik sik	1	1					Standing	Roberts Bay
July 10, 2024	Arctic hare	1				1		Bounding	Doris
July 11, 2024	Caribou	7					7	Walking/Feeding	Windy
July 11, 2024	Caribou	2					2	Sleeping	Windy
July 11, 2024	Eagle	1					1	Flying and evading attack from falcon	TIA
July 11, 2024	Peregrine falcon	1					1	Dive bombing / Flying	TIA
July 12, 2024	Caribou	1					1	Walking	Windy
July 12, 2024	Caribou	3					3	Walking, feeding, and resting	Windy
July 12, 2024	Eagle	1					1	Flying/Walking	Windy
July 12, 2024	Red fox	3			1	2		Running	Doris
July 12, 2024	Sandhill crane	3		1	1	1		Walking	Windy
July 13, 2024	Arctic hare	1					1	Walking	Windy
July 13, 2024	Arctic hare	1					1	Walking	Doris
July 13, 2024	Caribou	1					1	Walking and feeding	Doris
July 13, 2024	Caribou	2		1	1			Walking/Eating/Sleeping	Windy
July 13, 2024	Caribou	1					1	Running/Eating	Roberts Bay
July 13, 2024	Caribou	2			1	1		Walking	Windy
July 13, 2024	Caribou	1		1				Walking	Doris
July 13, 2024	Caribou	2		2				Eating	TIA
July 13, 2024	Fox	1					1	Walking/Sleeping	Roberts Bay

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
July 13, 2024	Ptarmigan	3			1	2		Walking	Roberts Bay
July 13, 2024	Caribou	1		1				Eating	Windy
July 13, 2024	Muskox	20					20	Eating	Windy
July 14, 2024	Caribou	1					1	Walking	Doris
July 14, 2024	Caribou	1					1	Eating/Walking	Doris
July 14, 2024	Grizzly bear	1	1					Feeding	TIA
July 14, 2024	Ptarmigan	7	2			6		Walking/Resting	TIA
July 14, 2024	Tundra swan	2					2	Swimming	TIA
July 14, 2024	Red fox	1					1	Eating/Walking	Doris
July 15, 2024	Arctic hare	1					1	Walking	Doris
July 15, 2024	Caribou	1					1	Laying down / Feeding	Windy
July 15, 2024	Caribou	2					2	Running	Doris
July 15, 2024	Caribou	2			1	1		Walking	Windy
July 15, 2024	Golden eagle	1					1	Flying	Windy
July 15, 2024	Tundra swan	3					3	Swimming	Windy
July 15, 2024	Caribou	1					1	Walking/Running/Sleeping/Eating	Unspecified
July 16, 2024	Arctic hare	1				1		Walking	Doris
July 16, 2024	Grizzly bear	1					1	Walking/Eating	Doris
July 16, 2024	Grizzly bear	1					1	Walking	Roberts Bay
July 16, 2024	Sandhill crane	2					2	Flying and calling	Doris
July 16, 2024	Caribou	2					2	Lying down and walking	TIA
July 16, 2024	Muskox	3					3	Eating and running	Windy
July 16, 2024	Loon	3					3	Swimming	Windy
July 16, 2024	Caribou	1					1	Eating/Walking/Running	Unspecified
July 17, 2024	Caribou	1	1				1	Walking	TIA
July 17, 2024	Grizzly bear	1	1				1	Walking	TIA
July 17, 2024	Caribou	1	1				1	Resting	Windy
July 17, 2024	Fox	2			1	1		Walking	Doris
July 17, 2024	Grizzly bear	1					1	Eating / Laying down	Doris
July 17, 2024	Grizzly bear	1					1	Walking	Doris
July 18, 2024	Caribou	1					1	Walking	Doris
July 18, 2024	Caribou	1					1	Resting	Windy
July 18, 2024	Caribou	1		1				Walking	Doris

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
July 18, 2024	Caribou	2					2	Walking	Doris
July 18, 2024	Caribou	1					1	Eating/Walking	Doris
July 18, 2024	Caribou	1		1				Walking	Doris
July 18, 2024	Caribou	1					1	Eating, walking, and running	Unspecified
July 19, 2024	Caribou	1	1					Walking	TIA
July 19, 2024	Caribou	1	1					Walking	Roberts Bay
July 19, 2024	Caribou	1	1					Standing	Windy
July 19, 2024	Fox	4	1		1	3		Resting	Doris
July 19, 2024	Sandhill crane	5					5	Walking	Windy
July 19, 2024	Sandhill crane	5					5	Walking	Windy
July 19, 2024	Muskox	2					2	Grazing	Unspecified
July 20, 2024	Fox	1					1	Running	Doris
July 20, 2024	Caribou	2					2	Resting/Standing	Doris
July 20, 2024	Caribou	8					8	Walking	Doris
July 20, 2024	Caribou	1					1	Walking	Doris
July 21, 2024	Caribou	2		2				Walking/Eating/Running	Windy
July 21, 2024	Fox	2			1	1		Sitting	Windy
July 21, 2024	Hawk	2					2	Flying	Windy
July 21, 2024	Caribou	4	3			1		Resting	Doris
July 21, 2024	Caribou	1					1	Walking	Doris
July 21, 2024	Sandhill crane	1	1				1	Standing	Windy
July 21, 2024	Caribou	3					3	Standing	Doris
July 21, 2024	Caribou	1		1				Walking	Doris
July 21, 2024	Arctic hare	1					1	Resting	Doris
July 21, 2024	Caribou	1					1	Swimming	Windy
July 22, 2024	Caribou	1					1	Walking	Doris
July 22, 2024	Caribou	1					1	Walking	Windy
July 22, 2024	Caribou	1					1	Walking	Windy
July 22, 2024	Muskox	2	1		1	1		Grazing	Windy
July 22, 2024	Caribou	1					1	Walking	Windy
July 23, 2024	Caribou	2	2					Walking	Doris
July 23, 2024	Caribou	5					5	Standing	Doris
July 23, 2024	Caribou	2	2					Grazing	TIA

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
July 23, 2024	Fox	3				3		Playing on road	Windy
July 24, 2024	Caribou	5					5	Standing	Doris
July 25, 2024	Caribou	3					3	Grazing	Doris
July 25, 2024	Caribou	3					3	Grazing/Resting	Doris
July 25, 2024	Caribou	1		1				Walking/Grazing	Windy
July 25, 2024	Arctic hare	1		1				Walking	Doris
July 25, 2024	Caribou	5					5	Standing	Doris
July 25, 2024	Fox	1					1	Unknown	Doris
July 26, 2024	Caribou	5					5	Walking	Doris
July 26, 2024	Caribou	2					2	Walking	Doris
July 26, 2024	Caribou	2					2	Walking	Roberts Bay
July 26, 2024	Caribou	1		1				Walking	Doris
July 29, 2024	Arctic hare	1					1	Resting	Doris
July 29, 2024	Fox	3	3		1		2	Hunting, walking, and playing	Windy
July 30, 2024	Arctic hare	1					1	Resting	Doris
July 30, 2024	Fox	1				1		Playing and curious	TIA
July 30, 2024	Fox	1	1					Hunting (sore foot)	Doris
July 31, 2024	Grizzly	3	1		1	1		Walking/Running	Roberts Bay
July 31, 2024	Arctic hare	1					1	Resting	Doris
July 31, 2024	Fox	1					1	Walking	Doris
August 2, 2024	Caribou	5					5	Resting/Grazing	TIA
August 2, 2024	Caribou	1					1	Resting	Windy
August 2, 2024	Fox	3					3	Walking	Doris
August 2, 2024	Arctic hare	1					1	Resting and walking	Doris
August 2, 2024	Peregrine falcon	1					1	Sitting on nest / Flying	Windy
August 2, 2024	Caribou	1					1	Walking and grazing	Windy
August 2, 2024	Caribou	1					1	Walking and grazing	Windy
August 2, 2024	Caribou	1					1	Walking and grazing	Windy
August 2, 2024	Caribou	2					2	Walking and grazing	Doris
August 3, 2024	Grizzly bear	2			1	1		Walking and running	Roberts Bay
August 3, 2024	Caribou	1		1				Walking and grazing	Doris
August 3, 2024	Caribou	3					3	Walking and grazing	Windy
August 4, 2024	Caribou	2					2	Walking	Windy

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
August 4, 2024	Fox	1					1	Walking	Doris
August 4, 2024	Caribou	1					1	Walking	Windy
August 4, 2024	Caribou	2					2	Laying down	Windy
August 4, 2024	Fox	1				1		Walking and running	TIA
August 4, 2024	Fox	1					1	Walking	Windy
August 4, 2024	Grizzly bear	2	1		1	1		Walking, playing, and foraging	TIA
August 4, 2024	Bald eagle	1					1	Soaring	Windy
August 4, 2024	Arctic hare	1					1	Resting	Doris
August 5, 2024	Caribou	1	1					Walking and grazing	Windy
August 5, 2024	Caribou	1	1					Resting	Windy
August 6, 2024	Caribou	4	3			1		Walking	Doris
August 6, 2024	Caribou	6					6	Walking	Doris
August 6, 2024	Caribou	1	1					Walking	Windy
August 6, 2024	Caribou	6					6	Walking	Doris
August 6, 2024	Caribou	1	1					Walking	Doris
August 6, 2024	Caribou	1					1	Walking	Windy
August 6, 2024	Caribou	3					3	Walking	Doris
August 7, 2024	Grizzly bear	1	1					Walking	Windy
August 7, 2024	Grizzly bear	2			1	1		Walking	Roberts Bay
August 7, 2024	Caribou	1	1					Standing	Doris
August 7, 2024	Caribou	3	3					Walking and grazing	Doris
August 7, 2024	Caribou	1	1					Grazing	Doris
August 7, 2024	Caribou	1					1	Hanging out	Windy
August 8, 2024	Grizzly bear	1	1					Walking and grazing	Doris
August 8, 2024	Caribou	1	1					Walking	Doris
August 8, 2024	Caribou	1	1					Standing	Doris
August 8, 2024	Caribou	3	3					Walking and grazing	Doris
August 8, 2024	Caribou	1						Walking and resting	Roberts Bay
August 8, 2024	Caribou	1						Walking and grazing	Doris
August 8, 2024	Caribou	1						Resting and grazing	Windy
August 8, 2024	Caribou	1						Standing, grazing, and walking	Doris
August 8, 2024	Caribou	1						Grazing	Doris
August 8, 2024	Grizzly bear	1						Snacking, playing, and digging	TIA

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
August 8, 2024	Caribou	1					1	Hanging out	Windy
August 9, 2024	Caribou	2					2	Walking	Doris
August 9, 2024	Caribou	1					1	Walking	Doris
August 9, 2024	Arctic hare	1					1	Walking	Doris
August 9, 2024	Caribou	1					1	Walking and grazing	Windy
August 9, 2024	Caribou	1					1	Walking and grazing	Windy
August 9, 2024	Caribou	1					1	Walking	Windy
August 9, 2024	Caribou	1					1	Resting	Doris
August 9, 2024	Arctic hare	1					1	Resting	Doris
August 9, 2024	Tundra swan	2					2	Swimming	Windy
August 9, 2024	Caribou	1	1	1				Walking	Windy
August 9, 2024	Caribou	1					1	Walking	Windy
August 9, 2024	Caribou	1					1	Hanging out	Windy
August 10, 2024	Sandhill crane	5					5	Resting	Windy
August 10, 2024	Sandhill crane	4					4	Resting	Windy
August 10, 2024	Caribou	2					2	Walking and grazing	TIA
August 10, 2024	Arctic tern	2					2	Flushed from resting; flying	TIA
August 10, 2024	Unidentified hawk	1					1	Flushed from resting	TIA
August 10, 2024	Canada goose	>10					>10	Standing	TIA
August 10, 2024	Tundra swan	2					2	Swimming	TIA
August 11, 2024	Caribou	1					1	Walking and grazing	Roberts Bay
August 11, 2024	Caribou	1					1	Walking and grazing	Windy
August 11, 2024	Red fox	1					1	Walking	Windy
August 11, 2024	Red fox	1					1	Walking and hunting	Doris
August 11, 2024	Arctic hare	1					1	Walking	TIA
August 11, 2024	Greater white-fronted goose	12					12	Swimming	Windy
August 11, 2024	Caribou	1					1	Walking	Doris
August 12, 2024	Caribou	2		1			1	Walking and eating	Doris
August 13, 2024	Caribou	2					2	Walking	Doris
August 13, 2024	Seal	1					1	Swimming	Windy
August 13, 2024	Red fox	1					1	Walking	Windy
August 14, 2024	Sandhill crane	5					5	Walking	Windy
August 14, 2024	Caribou	1	1					Standing	Doris

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
August 14, 2024	Grizzly bear	1	1					Walking	Roberts Bay
August 14, 2024	Caribou	3					3	Standing/Walking	Doris
August 14, 2024	Red fox	1					1	Walking/Trotting	Doris
August 14, 2024	Caribou	1		1				Walking	Doris
August 15, 2024	Caribou	1	1					Resting	Windy
August 15, 2024	Caribou	4	4					Walking	Doris
August 15, 2024	Caribou	1	1					Resting	Windy
August 15, 2024	Caribou	1	1					Resting	Windy
August 15, 2024	Caribou	1					1	Walking/Running	Doris
August 16, 2024	Grizzly bear	1	1					Foraging	Windy
August 16, 2024	Caribou	1					1	Walking	Windy
August 16, 2024	Fox	1					1	Walking	Windy
August 16, 2024	Grizzly bear	1					1	Walking	Doris
August 16, 2024	Caribou	1					1	Walking	Doris
August 17, 2024	Caribou	2	2					Walking	Doris
August 17, 2024	Caribou	2	2					Walking	Windy
August 17, 2024	Caribou	1	1					Walking	Windy
August 17, 2024	Caribou	1	1					Walking	Windy
August 17, 2024	Caribou	1	1	1				Standing	Doris
August 17, 2024	Caribou	1	1	1				Standing	Windy
August 17, 2024	Caribou	3	3	3				Walking	Roberts Bay
August 17, 2024	Fox	1					1	Walking	Windy
August 17, 2024	Canada goose	15					15	Flying	Roberts Bay
August 17, 2024	Peregrine falcon	1					1	Flying/Perched/Calling	Roberts Bay
August 17, 2024	Caribou	1		1				Eating/Walking	Doris
August 17, 2024	Caribou	1					1	Walking	Windy
August 17, 2024	Caribou	1					1	Eating/Walking	Windy
August 17, 2024	Caribou	1					1	Eating/Walking	Windy
August 17, 2024	Caribou	1					1	Eating/Walking	Windy
August 18, 2024	Grizzly bear	2	1			1		Walking and foraging	Windy
August 18, 2024	Gyrfalcon	2	2					Flying	Windy
August 18, 2024	Caribou	2	2					Standing	Doris
August 18, 2024	Caribou	1						Grazing	Doris

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
August 18, 2024	Caribou	1						Standing	Windy
August 18, 2024	Arctic hare	2					2	Hanging out	Doris
August 18, 2024	Caribou	1					1	Walking and hanging out	Windy
August 18, 2024	Arctic fox	3	1			2		Walking	Windy
August 18, 2024	Caribou	1					1	Eating	Windy
August 18, 2024	Grizzly	2	1		1		1	Walking	Windy
August 19, 2024	Caribou	1	1	1				Standing	Windy
August 19, 2024	Caribou	1	1	1				Walking	Windy
August 19, 2024	Greater white-fronted goose	Flock					Flock	Standing	Doris
August 20, 2024	Caribou	1						Walking	Doris
August 20, 2024	Caribou	1	1	1				Walking	Windy
August 20, 2024	Caribou	1	1	1				Walking	Windy
August 20, 2024	Sandhill crane	15					15	Eating	Windy
August 20, 2024	Sandhill crane	2					2	Flying	Doris
August 20, 2024	Gyrfalcon	1					1	Flying/Sitting	Windy
August 20, 2024	Caribou	1					1	Eating	Windy
August 21, 2024	Golden eagle	1					1	Flying	Unspecified
August 22, 2024	Grizzly bear	2					2	Walking/Feeding	Windy
August 22, 2024	Canada goose	16					16	Sleeping/Swimming	Windy
August 22, 2024	Sandhill crane	3		1	1	1		Eating/Walking	Windy
August 22, 2024	Red fox	1					1	Walking	Windy
August 22, 2024	Sandhill crane	7					7	Walking	Windy
August 23, 2024	Caribou	1					1	Eating	Windy
August 23, 2024	Golden eagle	1					1	Flying	Windy
August 23, 2024	Caribou	1		1				Eating	Windy
August 24, 2024	Sandhill crane	4					4	Walking	Windy
August 25, 2024	Caribou	1					1	Walking	Windy
August 25, 2024	Seal	1					1	Swimming	Roberts Bay
August 25, 2024	Golden eagle	2					2	Flying	Windy
August 28, 2024	Caribou	3					3	Grazing	Windy
August 28, 2024	Geese	>50					>50	Resting	Windy
August 29, 2024	Grizzly bear	1	1					Grazing	Windy
August 29, 2024	Sandhill crane	7					7	Flying	Unspecified

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
August 29, 2024	Snow goose	>50					>50	Grazing	Windy
August 30, 2024	Grizzly bear	4	1		1	3		Running	Doris
August 30, 2024	Grizzly bear	2					2	Resting	Windy
September 5, 2024	Arctic hare	1					1	Resting and walking	Doris
September 5, 2024	Arctic hare	1					1	Resting and walking	Doris
September 6, 2024	Caribou	3					3	Walking and grazing	Windy
September 7, 2024	Grizzly bear	1					1	Walking, playing, and foraging	Roberts Bay
September 11, 2024	Arctic hare	1					1	Resting	Doris
September 12, 2024	Red fox	2				2		Playing	Doris
September 12, 2024	Red fox	1					1	Walking	Doris
September 14, 2024	Red fox	1					1	Hunting	Doris
September 15, 2024	Ptarmigan	6	6					Walking/Foraging	Windy
September 15, 2024	Arctic hare	1	1					Resting	Windy
September 15, 2024	Grizzly bear	1					1	Walking	Doris
September 16, 2024	Grizzly bear	1	1					Resting and walking	Windy
September 17, 2024	Grizzly bear	1	1					Resting and walking	Windy
September 18, 2024	Grizzly bear	2			1	1		Walking/Foraging	Doris
September 18, 2024	Caribou	2	2					Running	Windy
September 21, 2024	Ptarmigan	12					12	Flying/Walking	Unspecified
September 21, 2024	Snow bunting	12					12	Flying	Windy
September 21, 2024	Arctic hare	1					1	Resting	Windy
September 21, 2024	Greater scaup	20					20	Swimming/Diving	TIA
September 26, 2024	Ptarmigan	8	8					Resting	Doris
September 26, 2024	Seal	1					1	Swimming	Roberts Bay
October 3, 2024	Arctic hare	2					2	Feeding	Doris
October 3, 2024	Ptarmigan	3					3	Resting	Doris
October 5, 2024	Raven	1					1	Flying	Doris
October 5, 2024	Sik sik	2					2	Feeding	TIA
October 6, 2024	Ptarmigan	3					3	Flying	Roberts Bay
October 6, 2024	Grizzly bear	2					2	Feeding/Walking/Digging	Roberts Bay
October 7, 2024	Ptarmigan	4					4	Flying	Doris
October 7, 2024	Raven	2					2	Feeding on garbage	Doris
October 9, 2024	Arctic hare	1	1					Sitting	Roberts Bay

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
October 10, 2024	Arctic hare	1	1					Running	Roberts Bay
October 10, 2024	Grizzly bear	2	2					Foraging/Walking	Doris
October 10, 2024	Ptarmigan	20					20	Flying	Doris
October 10, 2024	Ptarmigan	25					25	Flying	Roberts Bay
October 11, 2024	Caribou	1					1	Walking	Doris
October 11, 2024	Caribou	1					1	Walking	Windy
October 15, 2024	Fox	1					1	Walking	Windy
October 23, 2024	Fox	1					1	Running	Doris
October 24, 2024	Ringed seal	3					3	Resting/Swimming	Roberts Bay
October 25, 2024	Ringed seal	3					3	Resting/Swimming	Roberts Bay
October 25, 2024	Fox	1					1	Walking	Windy
October 25, 2024	Fox	1					1	Walking	Doris
October 27, 2024	Fox	1					1	Walking	Roberts Bay
October 27, 2024	Fox	1					1	Walking	Doris
October 31, 2024	Wolverine	1					1	Walking	Windy
October 31, 2024	Fox	4					4	Walking	Windy
November 2, 2024	Fox	1					1	Hunting/Walking	Doris
November 2, 2024	Ptarmigan	10					10	Roosting and standing/walking	Doris
November 4, 2024	Arctic fox	1					1	Walking	Doris
November 6, 2024	Red fox	1					1	Sitting/Resting	Windy
November 7, 2024	Ptarmigan	40					40	Resting and feeding/flying	TIA
November 8, 2024	Ptarmigan	2					2	Flying	Windy
November 9, 2024	Ptarmigan	2					2	Flying	Windy
November 9, 2024	Red fox	1					1	Walking/Hunting	Windy
November 9, 2024	Red fox	1					1	Walking and resting	Windy
November 10, 2024	Cross fox	1					1	Walking	Doris
November 11, 2024	Red fox	1					1	Running	Doris
November 24, 2024	Red fox	1					1	Walking	Doris
November 25, 2024	Red fox	1					1	Running	Windy
November 28, 2024	Fox	1					1	Running	Doris
November 29, 2024	Fox	1					1	Walking	Windy
December 2, 2024	Arctic hare	1					1	Sitting	Doris
December 2, 2024	Red fox	1					1	Walking	Windy

Date	Species Name	Total #	# A	# M	# F	# Y	# U	Activity	General Location
December 5, 2024	Ptarmigan	5					5	Flying	Roberts Bay
December 5, 2024	Ptarmigan	1					1	Flying	Doris
December 7, 2024	Red fox	2					2	Playing	Doris
December 13, 2024	Wolf	1					1	Walking	Doris
December 15, 2024	Red fox	1					1	Walking	TIA
December 15, 2024	Red fox	1					1	Walking	Doris
December 15, 2024	Red fox	1					1	Walking	Windy
December 20, 2024	Red fox	1					1	Walking	Doris
December 20, 2024	Raven	1					1	Flying	Doris
December 19, 2024	Raven	1					1	Flying	Doris
December 23, 2024	Cross fox	1					1	Walking	Doris
December 23, 2024	Ptarmigan	10					10	Flying	Windy
December 23, 2024	Arctic hare	1					1	Running	Doris
December 24, 2024	Snowy owl	1					1	Flying	Roberts Bay
December 27, 2024	Cross fox	1					1	Walking	Doris
December 28, 2024	Red fox	1					1	Walking	TIA
December 30, 2024	Red fox	1					1	Walking	Doris

Notes: A=Adult, M=Male, F=Female, Y=Young, and U=Unknown

APPENDIX G SUMMARY OF WILDLIFE RECORDED INCIDENTALLY BY BIOLOGISTS, 2024

APPENDIX G: SUMMARY OF WILDLIFE RECORDED INCIDENTALLY BY BIOLOGISTS, 2024

Species Group	Common Name	Scientific Name	Total Number of Observations
Upland Birds	American golden-plover*	<i>Pluvialis dominica</i>	10
	American pipit	<i>Anthus rubescens</i>	9
	American robin	<i>Turdus migratorius</i>	5
	American tree sparrow	<i>Spizelloides arborea</i>	26
	Common redpoll	<i>Acanthis flammea</i>	154
	Horned lark	<i>Eremophila alpestris</i>	12
	Lapland longspur	<i>Calcarius lapponicus</i>	29
	Least sandpiper	<i>Calidris minutilla</i>	18
	Pectoral sandpiper	<i>Calidris melanotos</i>	1
	Red-necked phalarope*	<i>Phalaropus lobatus</i>	5
	Rock ptarmigan	<i>Lagopus muta</i>	1
	Savannah sparrow	<i>Passerculus sandwichensis</i>	83
	Semipalmated plover	<i>Charadrius semipalmatus</i>	7
	White-crowned sparrow	<i>Zonotrichia leucophrys</i>	69
	Willow ptarmigan	<i>Lagopus lagopus</i>	7
	Wilson's snipe	<i>Gallinago delicata</i>	4
Waterbirds	Arctic tern	<i>Sterna paradisaea</i>	12
	Blue-winged teal	<i>Spatula discors</i>	1
	Cackling goose	<i>Branta hutchinsii</i>	19
	Canada goose	<i>Branta canadensis</i>	187
	Common eider*	<i>Somateria mollissima</i>	1
	Common merganser	<i>Mergus merganser</i>	19
	Glaucous gull	<i>Larus hyperboreus</i>	1
	Greater scaup	<i>Aythya marila</i>	60
	Greater white-fronted goose	<i>Anser albifrons</i>	106
	Green-winged teal	<i>Anas carolinensis</i>	13
	Herring gull	<i>Larus smithsonianus</i>	20
	King eider*	<i>Somateria spectabilis</i>	1

Species Group	Common Name	Scientific Name	Total Number of Observations
Waterbirds (cont'd)	Long-tailed duck	<i>Clangula hyemalis</i>	55
	Northern pintail	<i>Anas acuta</i>	15
	Northern shoveler	<i>Spatula clypeata</i>	14
	Pacific loon	<i>Gavia pacifica</i>	40
	Red-breasted merganser	<i>Mergus serrator</i>	22
	Red-throated loon	<i>Gavia stellata</i>	18
	Sandhill crane	<i>Grus canadensis</i>	11
	Surf scoter	<i>Melanitta perspicillata</i>	5
	Tundra swan	<i>Cygnus columbianus</i>	21
	Unidentified duck	-	2
	Yellow-billed loon	<i>Gavia adamsii</i>	4
Raptors	Common raven	<i>Corvus corax</i>	14
	Golden eagle*	<i>Aquila chrysaetos</i>	7
	Gyrfalcon	<i>Falco rusticolus</i>	1
	Peregrine falcon	<i>Falco peregrinus</i>	2
	Rough-legged hawk	<i>Buteo lagopus</i>	2
	Short-eared owl*	<i>Asio flammeus</i>	1
Mammals	Arctic ground squirrel (sik sik)	<i>Urocitellus parryii</i>	1
	Arctic hare	<i>Lepus arcticus</i>	1
	Caribou*	<i>Rangifer tarandus</i>	22
	Red fox	<i>Vulpes vulpes</i>	1
	Short-tailed weasel	<i>Mustela erminea</i>	1

Note:

* Indicates a species of conservation concern.

APPENDIX H MONTHLY AVERAGE OF PERSONNEL ONSITE, 2009 TO 2024

APPENDIX H: MONTHLY AVERAGE OF PERSONNEL ONSITE, 2009 TO 2024

The following table provides daily average of personnel onsite per month.

Month	Year															
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
January	69	83	214	183	0	7	13	60	172	202	265	316	140	123	148	83
February	84	106	250	193	0	7	16	73	168	239	279	332	143	178	168	104
March	94	131	265	180	3	8	30	78	176	261	286	282	147	160	165	108
April	102	172	278	127	13	14	28	93	173	264	291	133	169	134	163	113
May	102	182	274	90	20	63	32	110	188	261	287	130	176	135	158	133
June	103	200	280	103	44	71	41	123	189	266	304	139	189	162	150	161
July	113	220	284	90	61	77	46	123	185	265	304	137	193	164	146	147
August	109	205	277	93	59	79	84	129	178	271	285	136	230	172	133	161
September	98	484	277	0	54	73	105	144	179	272	293	128	240	174	126	167
October	66	332	270	0	49	79	114	158	179	273	306	133	89	181	109	157
November	16	147	252	0	19	44	93	172	184	270	324	149	171	189	64	168
December	14	108	0	0	8	7	89	173	179	246	300	143	185	114	45	110
Annual Average	81	197	243	88	27	44	58	120	179	258	294	180	173	157	131	134

APPENDIX I WILDLIFE EVENTS RECORDED BY WILDLIFE CAMERAS, BOSTON PROJECT, SEPTEMBER 2023 TO SEPTEMBER 2024

APPENDIX I: WILDLIFE EVENTS RECORDED BY WILDLIFE CAMERAS, BOSTON PROJECT, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Date and Time	Species	No. of Adults	No. of Juvenile	Behaviour	Location of Wildlife	Comment
61	9/4/2023 11:00	Bird (comment)	1	0	Flying	Tundra	Too far away to ID species
61	9/5/2023 2:30	Bird (comment)	1	0	Resting	Tundra	Unknown duck
61	9/5/2023 3:00	Small mammal	1	0	Resting	Tundra	Unknown ptarmigan
61	9/5/2023 3:30	Small mammal	0	0	Resting	Tundra	Unknown ptarmigan
61	9/5/2023 4:00	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
61	9/5/2023 4:30	Bird (comment)	2	0	Standing	Tundra	Unknown ptarmigan
61	9/6/2023 8:00	Bird (comment)	2	0	Standing	Tundra	Unknown ptarmigan
61	9/7/2023 6:30	Bird (comment)	1	0	Standing	Tripod	Unknown raptor perched on camera
61	9/8/2023 8:00	Bird (comment)	1	0	Flying	Tundra	Unknown raptor - cannot ID from behind
63	9/5/2023 6:00	Bird (comment)	7	0	Feeding	Tundra	GWFG
63	9/7/2023 7:30	Bird (comment)	8	0	Feeding	Tundra	Unknown geese
63	9/16/2023 10:30	Bird (comment)	8	0	Feeding	Tundra	CCGO
63	9/18/2023 17:00	Bird (comment)	3	0	Feeding	Tundra	CCGO
63	9/26/2023 6:47	Caribou	1	0	Inspecting camera	Tundra	-
64	9/12/2023 16:57	Caribou	3	0	Running	Tundra	-
64	10/11/2023 10:16	Grizzly bear	1	0	Inspecting camera	Tundra	-
66	9/9/2023 7:30	Bird (comment)	2	0	Feeding	Lake	TUSW
66	9/10/2023 13:30	Bird (comment)	3	0	Feeding	Tundra	Unknown ptarmigan
66	9/12/2023 10:12	Bird (comment)	1	0	Flying	Tundra	Unknown raptor
66	9/12/2023 23:10	Bird (comment)	1	0	Flying	Tundra	Unknown owl
66	9/14/2023 17:00	Bird (comment)	3	0	Standing	Lake	Rafting on lake, COME
66	9/14/2023 19:13	Caribou	1	0	Inspecting camera	Tundra	-
66	9/16/2023 18:30	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
66	9/18/2023 11:30	Bird (comment)	9	0	Feeding	Lake	Unknown ducks
66	9/21/2023 9:30	Bird (comment)	4	0	Feeding	Lake	TUSW
66	9/21/2023 10:30	Bird (comment)	4	0	Standing	Lake	TUSW
66	9/21/2023 11:00	Bird (comment)	2	0	Resting	Lake	TUSW
66	9/21/2023 11:30	Bird (comment)	5	0	Feeding	Lake	TUSW
66	9/21/2023 12:00	Bird (comment)	3	0	Feeding	Lake	TUSW
66	9/21/2023 13:00	Bird (comment)	1	0	Feeding	Lake	TUSW
66	9/21/2023 13:30	Bird (comment)	1	0	Walking	Lake	TUSW

APPENDIX I: WILDLIFE EVENTS RECORDED BY WILDLIFE CAMERAS, BOSTON PROJECT, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Date and Time	Species	No. of Adults	No. of Juvenile	Behaviour	Location of Wildlife	Comment
66	5/9/2024 18:19	Bird (comment)	1	0	Inspecting camera	Tripod	CORA
67	9/5/2023 23:45	Bird (comment)	1	0	Flying	Tundra	Unknown owl
67	9/6/2023 22:06	Bird (comment)	1	0	Flying	Tundra	Unknown owl
67	9/8/2023 14:02	Grizzly bear	1	0	Inspecting camera	Tundra	Grizzly bear knocked over camera
67	9/30/2023 12:45	Muskox	1	0	Inspecting camera	Tundra	Looks like muscox from fur and potential hoof
69	9/6/2023 16:49	Caribou	2	0	Walking	Tundra	-
70	10/13/2023 8:57	Arctic fox	1	0	Walking	Tundra	-
70	4/2/2024 18:30	Grey wolf	1	0	Walking	Tundra	-
70	4/2/2024 18:30	Caribou	1	0	Inspecting camera	Tundra	-
70	5/3/2024 11:42	Bird (comment)	1	0	Flying	Tundra	WIPT
70	5/3/2024 11:42	Bird (comment)	1	0	Flying	Tundra	GYRF
70	5/3/2024 11:48	Bird (comment)	1	0	Standing	Tundra	SNOW
70	5/8/2024 3:07	Bird (comment)	1	0	Walking	Tundra	WIPT
70	5/14/2024 5:21	Bird (comment)	1	0	Walking	Tundra	WIPT
70	5/14/2024 18:00	Bird (comment)	1	0	Walking	Tundra	WIPT
70	5/14/2024 18:17	Bird (comment)	1	0	Walking	Tundra	WIPT
70	5/16/2024 0:30	Arctic fox	1	0	Walking	Tundra	-
70	5/16/2024 0:56	Arctic fox	1	0	Walking	Tundra	-
70	5/18/2024 6:00	Bird (comment)	2	0	Walking	Tundra	WIPT
70	5/24/2024 5:00	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
70	6/6/2024 7:00	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
70	6/12/2024 0:30	Bird (comment)	1	0	Walking	Tundra	WIPT
70	6/16/2024 11:00	Small mammal	1	0	Standing	Tundra	-
71	9/8/2023 7:55	Muskox	1	0	Running	Tundra	-
71	9/8/2023 8:00	Muskox	1	0	Walking	Tundra	-
71	9/8/2023 15:30	Bird (comment)	1	0	Walking	Tundra	CCGO
74	10/8/2023 8:33	Bird (comment)	1	0	Inspecting camera	Tripod	Unknown large bird, knocked over camera
74	10/9/2023 4:54	Unknown	1	0	Walking	-	Something walks in front of camera, unsure what species
75	9/3/2023 19:38	Bird (comment)	17	0	Flying	Tundra	SNGO
75	9/3/2023 20:18	Bird (comment)	5	0	Flying	Tundra	SNGO

APPENDIX I: WILDLIFE EVENTS RECORDED BY WILDLIFE CAMERAS, BOSTON PROJECT, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Date and Time	Species	No. of Adults	No. of Juvenile	Behaviour	Location of Wildlife	Comment
77	5/7/2024 5:00	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
77	5/7/2024 6:00	Bird (comment)	2	0	Walking	Tundra	unknown ptarmigan
77	5/14/2024 21:00	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
77	5/21/2024 19:00	Bird (comment)	1	0	Flying	Tundra	Unknown gull
77	5/28/2024 0:00	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
77	5/29/2024 18:30	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
77	6/3/2024 7:00	Bird (comment)	1	0	-	Tundra	WIPT
77	6/7/2024 19:30	Bird (comment)	0	0	Standing	Tundra	LALO
77	6/15/2024 22:32	Caribou	1	0	Walking	Tundra	-
78	9/17/2023 18:00	Bird (comment)	1	0	Standing	Tripod	Unknown raptor on top of camera
79	9/17/2023 12:25	Bird (comment)	1	0	Standing	Tripod	Unknown large bird on camera
79	9/27/2023 11:30	Unknown	2	0	Standing	Tundra	Likely a bird or small mammal
79	9/27/2023 14:00	Unknown	1	0	Standing	Tundra	Likely a bird or small mammal
79	5/22/2024 20:30	Bird (comment)	1	0	Standing	Tundra	GWFG
79	5/22/2024 23:30	Bird (comment)	1	0	Standing	Tundra	GWFG
79	5/23/2024 0:00	Bird (comment)	2	0	Resting	Tundra	CCGO
79	5/23/2024 0:30	Bird (comment)	2	0	Resting	Tundra	CCGO
79	5/23/2024 1:00	Bird (comment)	1	0	Standing	Tundra	GWFG
79	5/25/2024 21:00	Bird (comment)	2	0	Standing	Tundra	GWFG
79	5/27/2024 21:55	Bird (comment)	1	0	Standing	Tundra	GWFG
79	5/27/2024 22:00	Bird (comment)	1	0	Walking	Tundra	CCGO
79	5/28/2024 1:00	Bird (comment)	2	0	Standing	Tundra	CCGO
80	9/14/2023 12:00	Bird (comment)	2	0	Feeding	Tundra	CCGO
80	9/14/2023 19:46	Bird (comment)	5	0	Standing	Tundra	CCGO
80	9/15/2023 7:30	Bird (comment)	6	0	Feeding	Tundra	CCGO
80	9/15/2023 10:30	Bird (comment)	1	0	Feeding	Tundra	CCGO
80	9/17/2023 10:30	Bird (comment)	12	0	Flying	Tundra	CCGO
80	9/21/2023 10:30	Bird (comment)	4	0	Walking	Tundra	Unknown goose
80	4/5/2024 13:30	Arctic fox	1	0	Walking	Tundra	-
81	10/17/2023 17:00	Bird (comment)	3	0	Standing	Tundra	SNGO
82	9/8/2023 10:30	Bird (comment)	1	0	Standing	Tundra	WIPT

APPENDIX I: WILDLIFE EVENTS RECORDED BY WILDLIFE CAMERAS, BOSTON PROJECT, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Date and Time	Species	No. of Adults	No. of Juvenile	Behaviour	Location of Wildlife	Comment
82	9/8/2023 11:00	Bird (comment)	0	0	Standing	Tundra	WIPT
82	9/15/2023 10:30	Bird (comment)	2	0	Standing	Tundra	Too far away to ID
82	9/18/2023 11:00	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
82	9/21/2023 11:30	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
82	9/24/2023 7:30	Bird (comment)	1	0	Walking	Tundra	Unknown ptarmigan
82	9/30/2023 17:00	Bird (comment)	3	0	Standing	Tundra	Unknown ptarmigan
82	10/1/2023 7:00	Bird (comment)	1	0	Standing	Tundra	unknown ptarmigan
82	10/3/2023 17:00	Bird (comment)	1	0	Standing	Tundra	unknown ptarmigan
82	10/3/2023 17:30	Bird (comment)	16	0	Feeding	Tundra	SNGO
82	10/6/2023 11:00	Caribou	1	0	Walking	Tundra	-
82	10/19/2023 10:00	Bird (comment)	13	0	Standing	Tundra	SNGO
82	5/4/2024 13:00	Bird (comment)	2	0	Standing	Tundra	Unknown ptarmigan
82	5/12/2024 9:18	Bird (comment)	1	0	Walking	Tundra	WIPT
82	5/19/2024 10:00	Bird (comment)	1	0	Standing	Tundra	Unknown ptarmigan
82	5/21/2024 7:00	Bird (comment)	1	0	Walking	Tundra	GWFG
82	5/25/2024 11:04	Bird (comment)	2	0	Flying	Tundra	GWFG
84	9/12/2023 10:00	Bird (comment)	30	0	Flying	Tundra	Unknown flock of geese - too backlit to ID
84	10/14/2023 17:39	Caribou	1	0	Feeding	Tundra	-
85	9/3/2023 19:36	Moose	1	0	Inspecting camera	Tundra	-
85	9/5/2023 6:00	Moose	1	0	Walking	Tundra	-
85	9/5/2023 15:47	Caribou	1	0	Walking	Tundra	-
88	10/18/2023 12:47	Grizzly bear	1	0	Walking	Tundra	-

APPENDIX J SUMMARY OF CARIBOU CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

APPENDIX J: SUMMARY OF CARIBOU CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023~2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
1	Treatment	-	-	-	-	-	-	-	-	-	-	-	13	-	-	57	70
2	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	3	-	-	0	3
3	Control	-	-	-	-	-	-	-	-	-	-	2	7	-	-	87	96
4	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18
5	Control	-	3	-	-	-	-	-	-	-	-	-	-	-	-	21	24
6	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
7	Control	-	-	-	-	-	-	-	-	1	-	-	-	-	-	17	18
8	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14
9	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18
10	ZOI	-	-	-	-	-	-	-	-	-	-	4	4	2	-	30	40
11	Treatment	-	-	-	-	-	-	-	-	-	-	2	8	-	-	6	16
12	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18
13	Treatment	-	1	-	-	-	-	-	-	-	-	-	1	-	-	13	15
14	ZOI	-	-	-	-	-	-	-	-	-	-	4	-	-	-	12	16
15	Treatment	-	-	-	-	-	-	-	-	-	-	3	3	-	-	13	19
16	Control	-	2	1	-	-	-	-	-	-	1	-	-	-	-	23	27
17	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11
18	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	15	-	-	30	45
19	Treatment	-	-	-	-	-	-	-	-	-	-	-	7	-	-	20	27
21	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	64	64
22	Treatment	ERM Fish Fence	-	-	-	-	-	-	-	-	-	10	-	-	-	10	20
23	ZOI	-	-	-	-	-	-	-	-	-	-	3	-	-	-	22	25
24	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101	101
25	ZOI	-	-	-	-	-	-	-	-	-	-	7	1	-	-	3	11
26	ZOI	-	-	-	-	-	-	-	-	-	-	-	8	-	-	43	51
28	Treatment	-	2	1	-	-	-	-	-	-	-	1	2	-	-	18	24
29	Control	-	1	-	-	-	-	-	-	-	-	-	-	-	-	19	20
30	ZOI	-	-	-	-	-	-	-	-	-	-	-	9	-	-	16	25
31	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
32	Treatment	-	-	-	-	-	-	-	-	-	-	3	11	-	-	55	69
33	Control	-	1	1	-	-	-	-	-	-	-	-	-	-	-	89	91
34	ZOI/Ladder	-	1	1	-	-	-	-	-	-	-	1	1	-	-	13	17
35	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
36	Control	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5	6
37	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
39	ZOI	-	-	-	-	-	-	-	-	-	-	2	2	-	-	1	5
40	Control	-	-	1	-	-	-	-	-	1	1	1	-	-	-	10	14
41	ZOI	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	7
42	Treatment	-	1	-	-	-	-	-	-	-	-	-	-	-	-	57	58
43	Control	-	-	-	-	-	-	-	-	-	-	-	1	-	-	23	24
44	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
45	Control	-	-	-	-	-	-	-	-	-	-	1	3	-	-	0	4

APPENDIX J: SUMMARY OF CARIBOU CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
46	ZOI	-	1	-	-	-	-	-	-	-	-	-	-	-	-	14	15
47	ZOI	-	-	-	-	-	-	-	-	-	-	1	3	-	-	14	18
48	ZOI	-	-	-	-	-	-	-	-	-	-	-	2	-	-	45	47
49	Control	-	-	1	-	-	-	-	-	-	-	-	6	-	-	3	10
50	Treatment	-	-	-	-	-	-	-	-	-	-	7	4	-	-	6	17
51	Treatment	TIA	-	-	-	-	-	-	-	-	-	1	12	-	-	58	71
52	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
53	Treatment	-	-	-	-	-	-	-	-	-	-	-	1	-	-	9	10
54	Treatment	-	-	-	-	-	-	-	-	-	-	7	1	-	-	14	22
55	ZOI	-	-	-	-	-	-	-	-	-	-	3	4	-	-	18	25
56	Control	-	1	-	-	-	-	-	-	-	-	1	1	-	-	16	19
57	ZOI	-	2	-	-	-	-	-	-	-	-	-	-	-	-	4	6
58	Control	-	1	-	-	-	-	-	-	-	-	-	1	-	-	28	30
59	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
60	Treatment	-	-	-	-	-	-	-	-	-	-	1	4	-	-	17	22

APPENDIX K CARIBOU OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

APPENDIX K: CARIBOU OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2009	April	141	3	102	1.38	0.03
	May	114	7	102	1.12	0.07
	June	10	2	103	0.1	0.02
	July	21	6	113	0.19	0.05
	September	14	1	98	0.14	0.01
2010	March	1	1	131	0.01	0.01
	April	16	1	172	0.09	0.01
	May	148	16	182	0.81	0.09
	June	1	1	200	0.01	0.01
	July	9	4	220	0.04	0.02
	August	2	2	205	0.01	0.01
2011	April	24	4	278	0.09	0.01
	May	43	5	274	0.16	0.02
	June	9	2	280	0.03	0.01
	July	4	2	284	0.01	0.01
2012	April	7	1	127	0.06	0.01
	May	28	6	90	0.31	0.07
	July	2	2	90	0.02	0.02
	August	1	1	93	0.01	0.01

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2013	May	6	2	20	0.3	0.1
	June	4	4	44	0.09	0.09
	July	5	4	61	0.08	0.07
	August	5	4	59	0.08	0.07
2014	April	10	1	14	0.71	0.07
	May	3	1	63	0.05	0.02
	June	11	5	71	0.15	0.07
	July	23	13	77	0.3	0.17
	December	10	1	7	1.43	0.14
2015	February	6	1	16	0.38	0.06
	May	34	3	32	1.06	0.09
	June	9	3	41	0.22	0.07
	July	2	2	46	0.04	0.04
	August	10	7	84	0.12	0.08
	November	44	5	93	0.47	0.05
	December	66	4	89	0.74	0.04
2016	January	29	5	60	0.48	0.08
	February	27	3	73	0.37	0.04
	March	152	9	78	1.95	0.12
	April	51	5	93	0.55	0.05
	May	79	14	110	0.72	0.13
	July	10	9	123	0.08	0.07

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2016 (cont'd)	August	1	1	129	0.01	0.01
	November	11	2	172	0.06	0.01
	December	51	6	173	0.29	0.03
2017	March	84	4	176	0.48	0.02
	June	4	4	189	0.02	0.02
	July	12	12	185	0.06	0.06
	August	2	2	178	0.01	0.01
2018	March	80	1	261	0.307	0.004
	May	12	6	261	0.046	0.023
	June	7	2	266	0.026	0.008
	July	14	12	265	0.053	0.045
	August	5	3	271	0.018	0.011
2019	March	2	1	286	0.01	0
	April	12	5	291	0.04	0.02
	May	21	10	287	0.07	0.03
	June	3	2	304	0.01	0.01
	July	2	1	304	0.01	0
	August	6	5	285	0.02	0.02
	December	Unknown	1	300	-	-
2020	January	17	2	316	0.05	0.006
	March	7	1	282	0.03	0.004
	June	17	3	139	0.12	0.02

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2020 (cont'd)	July	57	34	137	0.42	0.25
	August	5	5	136	0.04	0.04
2021	February	14	3	143	0.1	0.02
	March	5	1	147	0.03	0.01
	April	5	1	169	0.03	0.01
	May	10	2	176	0.06	0.01
	June	4	1	189	0.02	0.01
	July	83	26	193	0.43	0.13
	August	40	29	230	0.17	0.13
	September	5	3	240	0.02	0.01
2022	April	20	5	134	0.15	0.04
	May	3	1	135	0.02	0.01
	June	35	9	162	0.22	0.06
	July	106	37	164	0.65	0.23
	August	14	13	172	0.08	0.08
	September	10	2	174	0.06	0.01
	October	19	2	181	0.10	0.01
	November	0	0	189	0.00	0.00
	December	26	2	114	0.23	0.02
2023	January	9	1	148	0.06	0.01
	February	7	1	168	0.04	0.01
	April	7	1	163	0.04	0.01

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2023 (cont'd)	June	111	33	150	0.74	0.22
	July	142	103	146	0.97	0.71
	August	31	18	133	0.23	0.14
	September	38	13	126	0.30	0.10
	October	2	2	109	0.02	0.02
	December	15	1	45	0.33	0.02
2024	February	7	1	104	0.07	0.01
	March	Unknown	1	108	-	0.01
	April	2	1	113	0.02	0.01
	May	29	7	133	0.22	0.05
	June	201	51	161	1.25	0.32
	July	143	70	147	0.97	0.48
	August	129	85	161	0.80	0.53
	September	5	2	167	0.03	0.01
	October	2	2	157	0.01	0.01

^a The total number of individuals provided may not always be representative of the true number of individuals recorded, as certain wildlife sightings may include double counting of the same individual(s).

APPENDIX L SUMMARY OF MUSKOX CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

APPENDIX L: SUMMARY OF MUSKOX CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
1	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
2	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
3	Control		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
4	Control		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
5	Control		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
6	Control		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
7	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
8	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
9	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
10	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
11	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
12	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
13	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
14	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
15	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
16	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
17	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
18	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
19	Treatment		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
21	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
22	Treatment		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
23	ZOI	ERM Fish Fence	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
24	ZOI/Ladder		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
25	ZOI		-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
26	ZOI		-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
28	Treatment		-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
29	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
30	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
31	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
32	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
33	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
34	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
35	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
36	Control		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
37	Control		-	-	-	-	-	-	-	-	-	2	-	-	-	0	2
39	ZOI		-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
40	Control		-	-	-	-	-	-	-	-	-	3	-	-	-	0	3
41	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
42	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
43	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
44	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
45	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0

APPENDIX L: SUMMARY OF MUSKOX CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
46	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
47	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
48	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
49	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
50	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
51	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
52	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
53	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
54	Treatment	-	2	1	1	-	-	-	-	-	-	-	-	-	-	17	21
55	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
56	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
57	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
58	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
59	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
60	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0

APPENDIX M MUSKOX OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

APPENDIX M: MUSKOX OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2009	July	-	-	113	0.21	-
2010	April	-	-	172	0.23	-
	May	-	-	182	0.33	-
	June	-	-	200	0.08	-
	July	-	-	220	0.04	-
	August	-	-	205	0.37	-
2011	February	-	-	250	0.008	-
	March	-	-	265	0.09	-
	April	-	-	278	0.01	-
	May	-	-	274	0.10	-
	June	-	-	280	0.05	-
	July	-	-	284	0.07	-
	August	-	-	277	0.19	-
2012	January	-	-	183	0.01	-
	February	-	-	193	0.01	-
	May	-	-	90	0.03	-
	June	-	-	103	0.07	-
	August	-	-	93	0.80	-

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2013	April	-	-	13	2.08	-
	June	-	-	44	0.07	-
	July	-	-	61	0.33	-
2014	June	-	-	71	1.06	-
2015	January	-	-	13	0.15	-
	February	-	-	16	0.13	-
2016	January	-	-	60	1.42	-
	September	-	-	144	0.42	-
	October	-	-	158	0.19	-
	November	-	-	172	0.58	-
	December	-	-	173	0.61	-
2017	January	-	-	172	0.93	-
	February	-	-	168	0.39	-
	March	-	-	176	0.89	-
	April	-	-	173	0.52	-
	July	-	-	185	0.57	-
	November	-	-	184	0.81	-
	December	-	-	179	0.22	-
2018	January	-	-	202	0.24	-
	March	-	-	261	0.08	-
	June	-	-	266	0.02	-

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2018 (cont'd)	July	-	-	265	0.01	-
	September	-	-	272	0.03	-
2019	No sightings of muskox in 2019					
2020	November	-	-	149	0.27	-
2021	October	-	-	89	0.67	-
	November	-	-	171	0.04	-
2022	January	-	-	123	0.16	-
	February	-	-	178	0.18	-
	March	-	-	160	0.10	-
	May	-	-	135	0.24	-
	June	-	-	162	0.12	-
	October	-	-	181	0.33	-
	November	-	-	189	0.47	-
2023	January	25	-	148	0.17	-
	May	6	-	158	0.04	-
	June	18	-	150	0.12	-
	July	47	-	146	0.32	-
	August	2	-	133	0.02	-
	September	139	-	126	1.10	-
	October	124	-	109	1.14	-
	November	40	-	64	0.63	-

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2024	January	26	2	83	0.31	0.02
	February	200	8	104	1.92	0.08
	March	44	3	108	0.41	0.03
	June	58	7	161	0.36	0.04
	July	27	4	147	0.18	0.03

Notes:

- Represent missing values from previous WMMP reports, as this appendix was not completed in previous years. The number of individuals corrected by personnel and the months of sightings were the values presented in the muskox sections of previous WMMP reports.

^a The total number of individuals provided may not always be representative of the true number of individuals recorded, as certain wildlife sightings may include double counting of the same individual(s).

APPENDIX N SUMMARY OF GRIZZLY BEAR CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

APPENDIX N: SUMMARY OF GRIZZLY BEAR CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
1	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
2	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
3	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24
4	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	27
5	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	21
6	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14
7	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
8	Control	-	1	-	-	-	-	-	-	-	-	-	-	-	-	14	15
9	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	28
10	ZOI	-	-	-	-	-	-	-	-	-	-	-	1	-	-	23	24
11	Treatment	-	-	1	-	-	-	-	-	-	-	-	-	-	-	17	18
12	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	32
13	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
14	ZOI	-	-	-	-	-	-	-	-	-	2	-	-	-	-	7	9
15	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34
16	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
17	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19
18	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
19	Treatment	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5	6
21	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
22	Treatment	ERM Fish Fence	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
23	ZOI	-	-	-	-	-	-	-	-	-	-	-	2	-	-	57	59
24	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
25	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19
26	ZOI	-	1	-	-	-	-	-	-	-	-	-	-	-	-	11	12
28	Treatment	-	-	-	-	-	-	-	-	-	-	-	2	-	-	32	34
29	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
30	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	21
31	Control	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3
32	Treatment	-	1	-	-	-	-	-	-	-	-	-	-	-	-	25	26
33	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	40
34	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	1	-	-	8	9
35	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
36	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	28
37	Control	-	-	-	-	-	-	-	-	-	-	1	-	-	-	14	15
39	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
40	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
41	ZOI	-	3	1	-	-	-	-	-	-	-	-	-	-	-	18	22
42	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
43	Control	-	-	-	-	-	-	-	-	-	-	-	2	-	-	19	21

APPENDIX N: SUMMARY OF GRIZZLY BEAR CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
44	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15
45	Control	-	-	-	-	-	-	-	-	-	-	-	1	-	-	17	18
46	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
47	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
48	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
49	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
50	Treatment	-	2	-	-	-	-	-	-	-	-	-	-	-	-	5	7
51	Treatment	TIA	-	1	-	-	-	-	-	-	-	-	-	-	-	4	5
52	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
53	Treatment	-	-	1	-	-	-	-	-	-	-	1	-	-	-	22	24
54	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	22
55	ZOI	-	1	-	-	-	-	-	-	-	-	-	1	-	-	65	67
56	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
57	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
58	Control	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	4
59	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	79
60	Treatment	-	2	-	-	-	-	-	-	-	-	-	1	-	-	24	27

APPENDIX O GRIZZLY BEAR OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

APPENDIX O: GRIZZLY BEAR OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2009	May	11	5	102	0.11	0.05
	June	4	4	103	0.04	0.04
	July	18	10	113	0.16	0.09
	August	18	17	109	0.17	0.16
	September	6	6	98	0.06	0.06
2010	May	6	6	182	0.03	0.03
	June	2	1	200	0.01	0.01
	July	7	7	220	0.03	0.03
	August	4	4	205	0.02	0.02
	September	7	5	484	0.01	0.01
2011	May	3	3	274	0.01	0.01
	July	3	1	284	0.01	0
	August	10	5	277	0.04	0.02
	September	3	1	277	0.01	0
	October	3	1	270	0.01	0
2012	April	1	1	127	0.01	0.01
	May	2	2	90	0.02	0.02
	June	1	1	103	0.01	0.01
	July	3	1	90	0.03	0.01
	August	6	2	93	0.06	0.02

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2013	July	9	3	61	0.15	0.05
	August	8	3	59	0.14	0.05
	September	3	1	54	0.06	0.02
	October	1	1	49	0.02	0.02
2014	June	2	2	71	0.03	0.03
	July	2	2	77	0.03	0.03
	August	1	1	79	0.01	0.01
	October	1	1	79	0.01	0.01
2015	May	1	1	32	0.03	0.03
	June	3	3	41	0.07	0.07
	July	1	1	46	0.02	0.02
	August	17	11	84	0.2	0.13
	September	2	2	105	0.02	0.02
2016	July	14	5	123	0.11	0.04
	August	10	4	129	0.08	0.03
	October	3	3	158	0.02	0.02
2017	May	8	3	188	0.02	0.02
	June	26	9	189	0.05	0.05
	July	6	2	185	0.01	0.01
	August	13	5	178	0.03	0.03
	September	11	4	179	0.02	0.02
	October	13	5	179	0.03	0.03

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2018	May	9	3	261	0.01	0.01
	June	7	3	266	0.01	0.01
	July	17	8	265	0.03	0.03
	August	12	6	271	0.02	0.02
	September	25	8	272	0.03	0.03
	October	13	5	273	0.02	0.02
	November	3	3	270	0.01	0.01
2019	May	4	1	287	0	0
	June	14	6	304	0.02	0.02
	August	23	13	285	0.05	0.05
	September	33	11	293	0.04	0.04
	October	4	4	306	0.01	0.01
2020	June	5	2	139	0.04	0.01
	July	3	3	137	0.02	0.02
	August	4	4	136	0.03	0.03
	September	7	5	128	0.06	0.04
2021	May	5	5	176	0.03	0.03
	June	12	12	189	0.06	0.06
	July	14	11	193	0.07	0.06
	August	5	5	230	0.02	0.02
	September	4	4	240	0.02	0.02
	October	1	1	89	0.01	0.01

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2022	May	10	5	135	0.07	0.04
	June	11	4	162	0.07	0.02
	July	17	10	164	0.10	0.06
	August	3	2	172	0.02	0.01
	September	18	11	174	0.10	0.06
	October	2	2	181	0.01	0.01
2023	May	6	4	158	0.04	0.02
	June	13	11	150	0.09	0.09
	July	13	6	146	0.09	0.09
	August	6	5	133	0.05	0.03
	September	39	11	126	0.31	0.08
2024	April	1	1	113	0.01	0.01
	May	22	11	133	0.17	0.08
	June	11	10	161	0.07	0.06
	July	12	9	147	0.08	0.06
	August	25	15	161	0.16	0.09
	September	6	5	167	0.04	0.03
	October	4	2	157	0.03	0.01

^a The total number of individuals provided may not always be representative of the true number of individuals recorded, as certain wildlife sightings may include double counting of the same individual(s).

APPENDIX P SUMMARY OF WOLVERINE CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

APPENDIX P: SUMMARY OF WOLVERINE CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
1	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
2	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
3	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
4	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
5	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
6	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
7	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
8	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
9	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
10	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
11	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
12	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
13	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
14	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
15	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
16	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
17	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
18	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
19	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
21	Treatment	Waste Management Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
22	Treatment	ERM Fish Fence	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
23	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17
24	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
25	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
26	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
28	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
29	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
30	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
31	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
32	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
33	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
34	ZOI/Ladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
35	Treatment	Road Crossing Ramp	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
36	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
37	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
39	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
40	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
41	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
42	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
43	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5

APPENDIX P: SUMMARY OF WOLVERINE CAMERA EVENTS, SEPTEMBER 2023 TO SEPTEMBER 2024

Camera No.	Camera Type	Species Specific Monitoring Objective	2023				2024									Total 2023–2024	Total by Camera
			September	October	November	December	January	February	March	April	May	June	July	August	September		
44	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
45	Control	-	-	2	-	-	-	-	-	-	-	-	-	-	-	0	2
46	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
47	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
48	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
49	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
50	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
51	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
52	Treatment	TIA	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
53	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
54	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
55	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
56	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
57	ZOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
58	Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19
59	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
60	Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0

APPENDIX Q WOLVERINE OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

APPENDIX Q: WOLVERINE OBSERVATIONS FROM THE WILDLIFE SIGHTINGS LOG CORRECTED FOR PERSONNEL, 2009 TO 2024

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2009	February	1	1	84	0.012	0.012
	May	1	1	102	0.010	0.010
	August	1	1	109	0.009	0.009
2010	March	1	1	131	0.008	0.008
	April	1	1	172	0.006	0.006
2011	January	1	1	214	0.005	0.005
	February	2	2	250	0.008	0.008
	April	2	2	278	0.007	0.007
	May	3	3	274	0.011	0.011
	June	1	1	280	0.004	0.004
	August	2	2	277	0.007	0.007
	November	1	1	252	0.004	0.004
	December	1	1	Unknown	-	-
2012	February	2	2	193	0.01	0.01
	March	1	1	180	0.006	0.006
	April	2	2	127	0.016	0.016
	May	3	3	90	0.033	0.033
2013	May	2	2	20	0.099	0.099
	November	2	2	19	0.105	0.105

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2014	February	1	1	7	0.143	0.143
	May	1	1	63	0.016	0.016
2015	January	1	1	13	0.075	0.075
	February	1	1	16	0.062	0.062
	March	1	1	30	0.033	0.033
	May	2	2	32	0.063	0.063
	July	1	1	46	0.022	0.022
	August	1	1	84	0.012	0.012
	October	2	1	114	0.018	0.009
	December	1	1	89	0.011	0.011
2016	February	1	1	73	0.010	0.010
	March	2	2	78	0.030	0.030
	November	1	1	172	0.010	0.010
2017	March	1	1	176	0.006	0.006
	April	1	1	173	0.006	0.006
	September	1	1	179	0.006	0.006
	December	2	2	179	0.011	0.011
2018	January	1	1	202	0.005	0.005
	February	1	1	261	0.004	0.004
	October	1	1	266	0.004	0.004
	December	1	1	272	0.004	0.004

Year	Month	Number of Observations from Raw Data		Monthly Average of Personnel Onsite	Number of Observations per Personnel	
		No. Individuals ^a	No. Records		No. Individuals	No. Records
2019	April	1	1	291	0.001	0.001
	July	6	4	304	0.020	0.010
	September	1	1	293	0.001	0.001
	October	1	1	306	0.001	0.001
2020	-	0	0	-	0.001	0.001
2021	May	1	1	176	0.010	0.010
	August	1	1	230	0.002	0.001
	September	1	1	240	0.002	0.001
	October	1	1	89	0.010	0.010
2022	<i>No sightings of wolverine in 2022</i>					
2023	March	1	1	165	0.006	0.006
	May	1	1	158	0.006	0.006
2024	January	1	1	83	0.010	0.010
	March	1	1	108	0.009	0.009
	October	1	1	157	0.006	0.006

^a The total number of individuals provided may not always be representative of the true number of individuals recorded, as certain wildlife sightings may include double counting of the same individual(s).

APPENDIX R REGIONAL PRISM SURVEY LOCATIONS AND HABITAT DATA, 2024

APPENDIX R: REGIONAL PRISM SURVEY LOCATIONS AND HABITAT DATA, 2024

Plot ID	Survey Date	Zone	Easting	Northing	Cloud Cover	Temperature (°C)	Light	Precipitation	Wind (Beaufort)	Noise	Time Start	Time End
HOB-031	June 21, 2024	13 W	434842	7540119	Cloudy	4	Flat	None	4	None	11:20	12:28
HOB-030	June 21, 2024	13 W	426416	7539380	Cloudy	3	Flat	None	2	None	9:00	10:29
HOB-028	June 21, 2024	13 W	436773	7541600	Cloudy	3	Flat	None	5	None	13:47	14:52
HOB-083	June 22, 2024	13 W	441826	7526856	Mostly Cloudy	3	Flat	None	3	None	8:41	10:15
HOB-005	June 22, 2024	13 W	418744	7520653	Cloudy	4	Flat	None	4	None	11:04	12:38
HOB-035	June 22, 2024	13 W	437913	7533228	Mostly Cloudy	4	Flat	None	3	None	13:55	15:38
HOB-015	June 23, 2024	13 W	444423	7563702	Mainly Clear	8	Bright	None	2	None	13:15	15:00
HOB-007	June 25, 2024	13 W	424744	7492653	Cloudy	4	Flat	None	3	None	8:40	10:10
HOB-009	June 25, 2024	13 W	440944	7504253	Cloudy	4	Flat	None	4	None	13:22	15:37
HOB-008	June 25, 2024	13 W	444844	7497054	Cloudy	4	Flat	None	4	None	10:49	12:10
HOB-104	June 26, 2024	13 W	432250	7562800	Clear	6	Bright	None	4	None	14:30	15:57
HOB-102	June 27, 2024	13 W	433050	7558450	Cloudy	5	Flat	None	3	Moderate	7:53	8:51
HOB-017	June 28, 2024	13 W	445445	7521854	Mainly Clear	6	Bright	None	2	None	8:32	9:50
HOB-033	June 28, 2024	13 W	431742	7536043	Mainly Clear	7	Bright	None	2	None	10:38	11:50
HOB-095	June 30, 2024	13 W	428250	7554550	Mainly Clear	12	Bright	None	5	None	12:55	15:02
HOB-096	July 1, 2024	13 W	436050	7541250	Mostly Cloudy	8	Flat	None	3	None	13:28	14:50
HOB-027	July 1, 2024	13 W	431718	7542943	Mainly Clear	10	Flat	None	4	None	8:20	9:21
HOB-107	July 1, 2024	13 W	434825	7538000	Mainly Clear	9	Flat	None	4	None	10:26	12:01
HOB-101	July 2, 2024	13 W	432450	7554100	Cloudy	6	Flat	None	4	None	7:22	8:25

Plot ID	Total Plot Upland (%)	Total Plot Lowland (%)	Total Plot Water (%)	Pond (%)	Lake (%)	River (%)	Ocean (%)	Upland Standing Water (%)	Upland Barren (%)	Upland Moss/Lichen (%)	Upland Graminoid (%)
HOB-031	0	100	0	0	0	0	0	0	0	0	0
HOB-030	12	80	8	100	0	0	0	0	15	55	10
HOB-028	0	100	0	0	0	0	0	0	0	0	0
HOB-083	0	30	70	100	0	0	0	0	0	0	0
HOB-005	85	10	5	0	100	0	0	0	5	30	35
HOB-035	0	90	10	0	100	0	0	0	0	0	0
HOB-015	100	0	0	0	0	0	0	0	15	20	35
HOB-007	50	0	50	0	100	0	0	0	5	30	5
HOB-009	95	5	0	0	0	0	0	0	0	10	40
HOB-008	5	65	30	0	100	0	0	0	0	20	20
HOB-104	90	9	1	0	0	0	100	0	0	10	10
HOB-102	50	50	0	0	0	0	0	0	0	20	30
HOB-017	15	85	0	0	0	0	0	0	0	5	60
HOB-033	95	4	1	0	0	100	0	0	10	20	20
HOB-095	10	80	10	100	0	0	0	0	0	5	10
HOB-096	15	60	25	100	0	0	0	0	1	1	30
HOB-027	90	8	2	100	0	0	0	0	10	10	30
HOB-107	30	55	15	100	0	0	0	0	3	17	30
HOB-101	90	9	1	100	0	0	0	0	0	10	50

Plot ID	Upland Herbs (%)	Upland Dwarf Shrub/Heath (%)	Upland Other Shrub (%)	Lowland Standing Water (%)	Lowland Barren (%)	Lowland Moss/Lichen (%)	Lowland Graminoid (%)	Lowland Herbs (%)	Lowland Dwarf Shrub/Heath (%)	Lowland Other Shrub (%)	Upland Ground Moisture
HOB-031	0	0	0	1	0	4	80	0	0	15	N/A
HOB-030	10	0	10	15	0	10	30	10	0	35	Dry
HOB-028	0	0	0	0	0	0	70	0	5	25	N/A
HOB-083	0	0	0	50	0	5	40	0	0	5	N/A
HOB-005	20	5	5	0	0	10	80	10	0	0	Dry
HOB-035	0	0	0	5	0	10	40	10	0	35	N/A
HOB-015	10	10	10	0	0	0	0	0	0	0	Dry
HOB-007	30	30	0	0	0	0	0	0	0	0	Dry
HOB-009	20	20	10	5	0	5	50	40	0	0	Dry
HOB-008	40	20	0	0	0	0	40	30	10	20	Dry
HOB-104	50	30	10	0	0	10	70	10	10	0	Dry
HOB-102	30	10	10	5	0	10	60	15	10	0	Moist
HOB-017	15	10	10	0	0	25	65	5	5	0	Moist
HOB-033	20	10	20	0	0	10	20	0	0	70	Dry
HOB-095	55	25	5	10	0	5	60	25	0	0	Moist
HOB-096	40	20	8	40	0	0	50	10	0	0	Dry
HOB-027	30	10	10	10	0	10	60	10	10	0	Dry
HOB-107	30	10	10	10	0	20	40	20	10	0	Moist
HOB-101	20	5	15	5	0	10	40	30	10	5	Dry

Plot ID	Upland Topography	Upland Roughness	Upland Habitat Quality	Lowland Ground Moisture	Lowland Topography	Lowland Roughness	Lowland Habitat Quality	Comments
HOB-031	N/A	N/A	N/A	Wet	Flat	Medium	Good	Homogenous relatively flat grassy / small shrub plot.
HOB-030	Rolling	Medium	Poor	Wet	Flat	High	Good	
HOB-028	N/A	N/A	N/A	Moist	Flat	Medium	Medium	Lake east and south have some more activity. Plot itself is quite grassy/shrubby, and flat and homogenous; not much water.
HOB-083	N/A	N/A	N/A	Flooded	Flat	Low	Good	Large ponds with many islands; shallow wetland habitat entire plot.
HOB-005	Rolling	Medium	Poor	Moist	Flat	Medium	Medium	
HOB-035	N/A	N/A	N/A	Wet	Flat	Low	Good	
HOB-015	Hilly	Medium	Poor	N/A	N/A	N/A	N/A	Entire plot on bouldery dry hill along coast.
HOB-007	Undulating	Low	Poor	N/A	N/A	N/A	N/A	
HOB-009	Undulating	Medium	Poor	Wet	Flat	High	Good	
HOB-008	Flat	Low	Poor	Wet	Flat	Medium	Good	
HOB-104	Undulating	Low	Poor	Wet	Flat	Medium	Medium	Road of port facility crosses N end of plot. Robert’s Bay N of plot.
HOB-102	Flat	Medium	Poor	Wet	Flat	High	Medium	Quite high noise; plot next to Doris Camp and heli pad; plot quite dusty due to vehicles around camp and helicopters.
HOB-017	Flat	High	Poor	Wet	Flat	Medium	Medium	
HOB-033	Hilly	Medium	Poor	Moist	Rolling	Medium	Medium	
HOB-095	Flat	Low	Poor	Wet	Flat	Low	Good	Plot just south of ocean beach on Hope Bay.
HOB-096	Flat	Medium	Poor	Flooded	Flat	Medium	Good	Peregrine Falcon hunting ground. Lots of Northern Pintail carcasses. Very quiet in area. PEFA seems to have eaten or scared birds from the plot. Seemed quite suitable with good amount of wet lowland habitat, but very quiet. PEFA flyby observed.
HOB-027	Rolling	High	Poor	Wet	Flat	Medium	Medium	
HOB-107	Flat	Medium	Medium	Flooded	Flat	Medium	Good	
HOB-101	Flat	High	Poor	Wet	Flat	Medium	Medium	

APPENDIX S REGIONAL PRISM SURVEY BIRD OBSERVATION DATA, 2024

APPENDIX S: REGIONAL PRISM SURVEY BIRD OBSERVATION DATA, 2024

Plot ID	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
HOB-031	Savannah Sparrow	4	0	1	2	0						
HOB-031	American Tree Sparrow	1	0	0	0	0						
HOB-030	Savannah Sparrow	4	0	1	2	0						
HOB-030	Lapland Longspur	2	1	1	0	0						
HOB-030	Horned Lark	0	0	1	1	0						
HOB-030	Red-necked Phalarope*	0	0	1	0	0						
HOB-030	Common Redpoll	0	0	2	1	0						
HOB-030	American Tree Sparrow	1	0	1	0	0	Hob030-nest1	1	4	0	Tussock base	70
HOB-030	White-crowned Sparrow	0	0	0	1	0						
HOB-028	Savannah Sparrow	0	0	1	4	0	Hob028-nest1	1	5	0	Tussock base	80
HOB-028	American Tree Sparrow	1	0	0	0	0						
HOB-083	Stilt Sandpiper	0	0	0	1	0						
HOB-083	Red-necked Phalarope*	0	3	3	0	0						
HOB-083	Least Sandpiper	0	0	1	3	0						
HOB-083	Dunlin	0	0	0	2	0						
HOB-083	Lapland Longspur	0	1	0	0	0						
HOB-083	American Tree Sparrow	1	0	0	0	0						
HOB-083	Semipalmated Plover	0	0	0	1	0						
HOB-083	American Golden-Plover*	0	0	0	4	0						
HOB-005	White-crowned Sparrow	1	0	0	1	0						
HOB-005	Savannah Sparrow	1	0	0	1	0						
HOB-005	Rock Ptarmigan	0	0	1	0	0						
HOB-005	Lapland Longspur	7	0	1	0	0	Hob005-nest1	1	4	0	Tussock base	70
HOB-005	Red-necked Phalarope*	1	1	0	0	0						
HOB-005	Horned Lark	0	0	2	0	0						
HOB-005	Common Redpoll	0	0	1	1	0						
HOB-005	Red-necked Phalarope*	1	2	0	0	0						
HOB-035	Savannah Sparrow	1	0	4	1	0	Hob035-nest2	2	5	0	Tussock base	75
HOB-035	Common Redpoll	0	0	1	0	0						
HOB-035	Red-necked Phalarope*	1	2	0	0	0						
HOB-035	American Tree Sparrow	0	0	1	0	0						

Plot ID	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
HOB-035	Lapland Longspur	2	0	0	0	0						
HOB-035	Baird’s Sandpiper	0	0	0	1	0						
HOB-035	Wilson’s Snipe	0	0	0	1	0						
HOB-015	Common Redpoll	0	1	3	1	0						
HOB-015	Lapland Longspur	1	1	1	0	0	Hob015-nest1	2	5	0	Vegetated base	30
HOB-015	White-crowned Sparrow	0	0	2	0	0						
HOB-015	Rock Ptarmigan	0	0	1	0	0						
HOB-015	Horned Lark	0	0	0	1	0						
HOB-015	American Tree Sparrow	1	0	0	0	0						
HOB-015	Savannah Sparrow	1	0	0	0	0						
HOB-015	American Pipit	0	0	1	0	0	Hob015-nest2	5	6	0	Vegetated base	80
HOB-007	Horned Lark	0	1	0	0	0						
HOB-007	Lapland Longspur	0	0	2	0	0						
HOB-007	White-crowned Sparrow	1	0	0	0	0						
HOB-009	Savannah Sparrow	2	0	0	1	0						
HOB-009	Lapland Longspur	4	1	2	0	0	Hob009-nest1		0	4	Tussock base	55
HOB-009	Lapland Longspur	0	0	1	0	0	Hob009-nest2	4	0	5	Tussock base	60
HOB-009	Common Redpoll	1	1	0	0	4						
HOB-009	Horned Lark	1	2	0	0	0						
HOB-009	Semipalmated Plover	0	0	0	1	0						
HOB-009	White-crowned Sparrow	0	0	0	1	0						
HOB-009	Semipalmated Sandpiper*	0	0	1	0	0						
HOB-008	Red-necked Phalarope*	1	0	1	0	0						
HOB-008	Lapland Longspur	4	1	1	0	0						
HOB-008	Savannah Sparrow	0	0	1	2	0						
HOB-008	Common Redpoll	0	1	1	0	0	Hob008-nest1	2	5	0	Base of shrub	25
HOB-104	Savannah Sparrow	3	0	1	0	0						
HOB-104	Common Redpoll	3	1	3	2	0	Hob104-nest2	2	2	0	Base of shrub	10
HOB-104	Horned Lark	1	1	0	0	0						
HOB-104	White-crowned Sparrow	1	0	0	2	0						
HOB-104	Lapland Longspur	1	0	0	0	0						
HOB-104	American Tree Sparrow	0	0	0	1	0						

Plot ID	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
HOB-104	Baird’s Sandpiper	0	0	1	0	0	Hob104-nest1	5	4	0	Vegetated base	0
HOB-104	Least Sandpiper	0	0	2	1	0						
HOB-104	American Pipit	0	0	2	0	0						
HOB-104	Semipalmated Plover	0	0	1	0	1						
HOB-102	Savannah Sparrow	4	0	0	3	0						
HOB-102	Lapland Longspur	2	0	0	0	0						
HOB-102	Least Sandpiper	0	0	2	2	0						
HOB-017	Stilt Sandpiper	0	0	1	2	0						
HOB-017	Lapland Longspur	2	0	3	0	0	Hob017-nest1		0	4	Vegetated base	60
HOB-017	Savannah Sparrow	3	0	2	2	0						
HOB-017	Pectoral Sandpiper	0	0	1	1	0						
HOB-017	Wilson’s Snipe	0	0	0	1	0						
HOB-017	Red-necked Phalarope*	0	1	0	0	0						
HOB-017	Willow Ptarmigan	1	0	0	0	0						
HOB-033	Savannah Sparrow	0	0	1	1	0						
HOB-033	Lapland Longspur	1	0	2	0	0						
HOB-033	Horned Lark	0	0	1	0	0						
HOB-033	White-crowned Sparrow	0	0	0	5	0						
HOB-033	Willow Ptarmigan	1	0	0	0	0						
HOB-033	Common Redpoll	0	0	3	0	0	Hob033-nest1		2	0	Vegetated base	30
HOB-033	American Tree Sparrow	0	0	0	1	0						
HOB-095	Savannah Sparrow	1	0	3	5	0						
HOB-095	Lapland Longspur	1	0	5	0	0						
HOB-095	Wilson’s Snipe	0	0	0	1	0						
HOB-095	Semipalmated Plover	0	0	3	0	1						
HOB-095	Least Sandpiper	0	0	5	4	0						
HOB-095	Red-necked Phalarope*	0	0	1	0	0	Hob095-nest1	2	4	0	Vegetated base	40
HOB-096	Savannah Sparrow	1	0	0	1	0						
HOB-096	American Tree Sparrow	0	0	0	1	0						
HOB-027	Savannah Sparrow	0	0	1	1	2						
HOB-027	Horned Lark	0	0	1	0	0						
HOB-027	Lapland Longspur	2	1	0	0	0						

Plot ID	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
HOB-027	White-crowned Sparrow	0	0	0	1	0						
HOB-107	Northern Pintail	0	0	1	0	0	Hob107-nest2	8	0	3	Grasses	0
HOB-107	Savannah Sparrow	0	0	0	4	0						
HOB-107	Least Sandpiper	0	0	1	2	0						
HOB-107	Lapland Longspur	2	0	0	0	0						
HOB-107	Pectoral Sandpiper	0	0	1	0	0						
HOB-101	Savannah Sparrow	0	0	0	1	0						
HOB-101	Least Sandpiper	0	0	0	1	0						
HOB-101	Common Redpoll	2	0	0	4	2						
HOB-101	Hoary Redpoll*	0	0	2	0	3						

Note:

* Indicates a species of conservation concern either federally or in Nunavut.

APPENDIX T TAILINGS IMPOUNDMENT AREA PRISM SURVEY LOCATIONS AND HABITAT DATA, 2024

APPENDIX T: TAILINGS IMPOUNDMENT AREA PRISM SURVEY LOCATIONS AND HABITAT DATA, 2024

Plot ID	Plot Type	Survey Date	Zone	Easting	Northing	Cloud Cover	Temperature (°C)	Light	Precipitation	Wind (Beaufort)	Noise	Time Start	Time End
PR-UB5	TIA	June 20, 2024	13 W	435325	7558350	Cloudy	4	Flat	None	3	None	8:35	10:02
PR-UB3	TIA	June 20, 2024	13 W	435550	7557400	Cloudy	4	Flat	None	3	None	12:38	13:56
PR-UB1	TIA	June 20, 2024	13 W	435050	7556100	Cloudy	5	Flat	None	2	None	15:42	16:55
PR-UBR1	Ogama	June 23, 2024	13 W	435550	7555350	Cloudy	4	Flat	None	2	None	9:46	10:58
PR-UBR2	Ogama	June 24, 2024	13 W	436100	7554650	Mainly Clear	4	Bright	None	3	None	9:10	10:25
PR-UB7	TIA	June 26, 2024	13 W	434075	7558650	Mainly Clear	4	Flat	None	3	Slight	12:40	13:39
PR-UB6	TIA	June 27, 2024	13 W	434350	7558250	Cloudy	5	Flat	None	4	None	9:55	10:58
PR-UBR4	Ogama	June 29, 2024	13 W	436550	7553400	Mainly Clear	10	Bright	None	2	None	8:10	9:15
PR-UBR7	Ogama	June 29, 2024	13 W	436575	7551150	Mainly Clear	20	Bright	None	2	None	10:05	11:05
PR-UB4	TIA	June 29, 2024	13 W	434700	7555500	Clear	20	Bright	None	1	None	14:22	15:20
PR-UBR3	Ogama	June 30, 2024	13 W	435200	7554150	Mainly Clear	15	Bright	None	1	None	8:20	9:27
PR-UBR5	Ogama	June 30, 2024	13 W	435800	7552700	Mainly Clear	20	Bright	None	2	None	10:02	11:33

Plot ID	Total Plot Upland (%)	Total Plot Lowland (%)	Total Plot Water (%)	Pond (%)	Lake (%)	River (%)	Ocean (%)	Upland Standing Water (%)	Upland Barren (%)	Upland Moss/Lichen (%)	Upland Graminoid %
PR-UB5	70	18	2	0	100	0	0	2	10	8	75
PR-UB3	94	5	1	100	0	0	0	0	20	30	30
PR-UB1	95	3	2	0	100	0	0	0	5	20	20
PR-UBR1	90	10	0	0	0	0	0	0	1	4	40
PR-UBR2	90	10	0	0	0	0	0	0	5	20	40
PR-UB7	85	0	15	0	100	0	0	0	2	20	18
PR-UB6	100	0	0	0	0	0	0	0	10	5	40
PR-UBR4	100	0	0	0	0	0	0	0	5	10	50
PR-UBR7	80	15	5	0	95	5	0	0	5	10	40
PR-UB4	95	0	5	0	40	60	0	0	5	10	35
PR-UBR3	80	10	10	5	95	0	0	0	10	20	30
PR-UBR5	100	0	0	0	0	0	0	0	10	10	30

Plot ID	Upland Herbs (%)	Upland Dwarf Shrub/Heath (%)	Upland Other Shrub (%)	Lowland Standing Water (%)	Lowland Barren (%)	Lowland Moss/Lichen (%)	Lowland Graminoid (%)	Lowland Herbs (%)	Lowland Dwarf Shrub/Heath (%)	Lowland Other Shrub (%)
PR-UB5	3	2	0	18	0	3	75	2	2	0
PR-UB3	10	10	0	0	0	10	70	0	20	0
PR-UB1	5	10	40	20	0	0	40	0	40	0
PR-UBR1	30	5	20	1	0	10	60	10	4	15
PR-UBR2	10	10	15	10	0	30	40	10	10	0
PR-UB7	40	10	10	0	0	0	0	0	0	0
PR-UB6	20	15	10	0	0	0	0	0	0	0
PR-UBR4	20	5	10	0	0	0	0	0	0	0
PR-UBR7	20	10	15	0	0	10	50	10	20	10
PR-UB4	20	20	10	0	0	0	0	0	0	0
PR-UBR3	20	10	10	10	0	10	40	20	10	10
PR-UBR5	30	10	10	0	0	0	0	0	0	0

Plot ID	Upland Ground Moisture	Upland Topography	Upland Roughness	Upland Habitat Quality	Lowland Ground Moisture	Lowland Topography	Lowland Roughness	Lowland Habitat Quality	Comments
PR-UB5	Moist	Undulating	High	Poor	Wet	Undulating	High	Medium	
PR-UB3	Dry	Hilly	Medium	Poor	Moist	Flat	High	Medium	
PR-UB1	Dry	Undulating	High	Poor	Wet	Flat	Medium	Medium	
PR-UBR1	Dry	Undulating	High	Poor	Moist	Flat	Medium	Medium	
PR-UBR2	Dry	Undulating	High	Poor	Moist	Flat	Medium	Medium	
PR-UB7	Dry	Rolling	Low	Poor	N/A	N/A	N/A	N/A	Background noise from camp and helicopters
PR-UB6	Dry	Undulating	High	Poor	N/A	N/A	N/A	N/A	2% of east side in flood zone of TIA
PR-UBR4	Dry	Rolling	High	Poor	N/A	N/A	N/A	N/A	
PR-UBR7	Dry	Undulating	High	Poor	Wet	Flat	Medium	Medium	
PR-UB4	Dry	Undulating	High	Poor	N/A	N/A	N/A	N/A	
PR-UBR3	Dry	Rolling	High	Poor	Wet	Flat	Medium	Medium	
PR-UBR5	Dry	Undulating	High	Poor	N/A	N/A	N/A	N/A	Quicker day, quite hot, slightly smoky

APPENDIX U TAILINGS IMPOUNDMENT AREA PRISM SURVEY BIRD OBSERVATION DATA, 2024

APPENDIX U: TAILINGS IMPOUNDMENT AREA PRISM SURVEY BIRD OBSERVATION DATA, 2024

Plot ID	Plot Type	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
PR-UB5	TIA	Savannah Sparrow	8	0	0	5	0						
PR-UB5	TIA	White-crowned Sparrow	0	0	1	2	0	Prub5-nest01	N/A	5	0	Tussock base	80
PR-UB5	TIA	American Tree Sparrow	1	0	0	0	0						
PR-UB5	TIA	Lapland Longspur	4	2	1	0	0						
PR-UB5	TIA	Willow Ptarmigan	0	0	1	0	0						
PR-UB5	TIA	Common Redpoll	0	0	1	1	0						
PR-UB3	TIA	Savannah Sparrow	3	0	0	1	0						
PR-UB3	TIA	Lapland Longspur	1	0	1	0	0						
PR-UB3	TIA	Common Redpoll	0	0	2	1	0						
PR-UB3	TIA	American Tree Sparrow	1	0	1	1	0	Prub3-nest1	1	5	0	Tussock base	80
PR-UB3	TIA	Horned Lark	0	0	1	1	0						
PR-UB1	TIA	Common Redpoll	1	0	2	7	0	Prub1-nest1	3	3	0	Base of shrub	0
PR-UB1	TIA	White-crowned Sparrow	2	0	0	4	0						
PR-UB1	TIA	Savannah Sparrow	1	0	1	3	0						
PR-UB1	TIA	American Tree Sparrow	2	0	0	0	0						
PR-UB1	TIA	Lapland Longspur	4	1	0	0	0						
PR-UBR1	Ogama	White-crowned Sparrow	0	0	0	3	0						
PR-UBR1	Ogama	American Tree Sparrow	2	0	0	3	0						
PR-UBR1	Ogama	Savannah Sparrow	0	0	2	3	0						
PR-UBR1	Ogama	Common Redpoll	0	0	1	4	0						
PR-UBR1	Ogama	Lapland Longspur	0	1	0	0	0						
PR-UBR2	Ogama	Common Redpoll	0	1	2	0	0	Prubr2-nest1	2	5	0	Base of shrub	20
PR-UBR2	Ogama	American Tree Sparrow	2	0	1	0	0						
PR-UBR2	Ogama	Willow Ptarmigan	1	0	0	0	0						
PR-UBR2	Ogama	White-crowned Sparrow	1	0	0	3	0						
PR-UBR2	Ogama	Savannah Sparrow	2	0	1	0	0						
PR-UBR2	Ogama	Lapland Longspur	2	0	2	1	0						
PR-UB7	TIA	White-crowned Sparrow	1	0	4	2	0						
PR-UB7	TIA	Horned Lark	0	0	1	0	0						
PR-UB7	TIA	Common Redpoll	1	2	0	1	0						
PR-UB7	TIA	American Pipit	0	0	0	2	0						
PR-UB7	TIA	Savannah Sparrow	0	0	0	1	0						
PR-UB7	TIA	Lapland Longspur	1	0	0	0	0						

Plot ID	Plot Type	Species	Number Male	Number Female	Number Pairs	Number Unknown	Number Young	Nest ID	Flush Distance (m)	Egg Number	Nestling Number	Nest Substrate	Nest Cover (%)
PR-UB6	TIA	Savannah Sparrow	4	0	1	1	0	Prub6-nest1	1	4	0	Vegetated base	100
PR-UB6	TIA	Common Redpoll	0	0	2	0	1						
PR-UB6	TIA	Lapland Longspur	3	0	1	0	0						
PR-UB6	TIA	American Pipit	0	0	1	2	0						
PR-UB6	TIA	White-crowned Sparrow	1	0	0	1	0						
PR-UBR4	Ogama	Common Redpoll	0	2	1	0	0						
PR-UBR4	Ogama	Lapland Longspur	1	0	3	1	0						
PR-UBR4	Ogama	White-crowned Sparrow	0	0	1	5	0						
PR-UBR4	Ogama	American Tree Sparrow	1	0	0	3	0						
PR-UBR4	Ogama	Savannah Sparrow	1	0	1	1	0						
PR-UBR7	Ogama	American Pipit	0	0	0	1	0						
PR-UBR7	Ogama	Savannah Sparrow	0	0	2	2	0						
PR-UBR7	Ogama	White-crowned Sparrow	0	0	2	0	0						
PR-UBR7	Ogama	American Tree Sparrow	0	0	1	0	0						
PR-UBR7	Ogama	Common Redpoll	1	0	0	0	0						
PR-UB4	TIA	White-crowned Sparrow	1	0	2	1	0						
PR-UB4	TIA	Common Redpoll	0	0	1	0	0						
PR-UB4	TIA	Savannah Sparrow	0	0	1	0	0						
PR-UB4	TIA	Hoary Redpoll*	0	0	1	0	2						
PR-UB4	TIA	American Tree Sparrow	0	0	1	0	0						
PR-UBR3	Ogama	Common Redpoll	0	0	0	0	1						
PR-UBR3	Ogama	Savannah Sparrow	0	0	2	1	0						
PR-UBR3	Ogama	American Tree Sparrow	1	0	0	0	0						
PR-UBR3	Ogama	Lapland Longspur	2	0	1	0	0						
PR-UBR3	Ogama	White-crowned Sparrow	1	0	1	1	0						
PR-UBR5	Ogama	White-crowned Sparrow	0	0	1	1	0						
PR-UBR5	Ogama	Savannah Sparrow	0	0	0	1	0						
PR-UBR5	Ogama	Lapland Longspur	2	0	0	1	0						
PR-UBR5	Ogama	Common Redpoll	1	0	1	0	3						
PR-UBR5	Ogama	American Tree Sparrow	0	0	2	0	0						
PR-UBR5	Ogama	Horned Lark	0	0	1	0	0						

Note:
* Indicates a species of conservation concern either federally or in Nunavut.

APPENDIX V REGIONAL SHORELINE SURVEY LOCATIONS AND HABITAT DATA, 2024

APPENDIX V: REGIONAL SHORELINE SURVEY LOCATIONS AND HABITAT DATA, 2024

Site ID	Site Type	Survey Date	Zone	Easting	Northing	Time Start	Time End	Temperature (°C)	Cloud Cover (%)	Wind Speed (km/hr)	Wind Direction	Light
WB001	Control	June 28, 2024	13W	427472	7550766	13:32	13:52	10	5	15	SW	Bright
WB002	Control	June 28, 2024	13W	425851	7552217	14:00	14:20	8	5	15	SW	Bright
WB006	Control	June 23, 2024	13W	435775	7562278	15:53	16:06	6	40	18	NW	Variable
WB012	Control	June 28, 2024	13W	428566	7547782	13:00	13:20	8	5	10	SW	Bright
WB014	Control	June 28, 2024	13W	441481	7549951	15:35	15:55	10	5	15	SW	Bright
WB015	Control	June 24, 2024	13W	439174	7555791	15:55	16:15	6	5	20	W	Bright
WB003	Impact	June 26, 2024	13W	433590	7558611	9:35	10:00	4	70	20	N	Variable
WB004	Impact	June 26, 2024	13W	434123	7559479	10:10	10:30	4	70	20	N	Variable
WB005	Impact	June 26, 2024	13W	432528	7550596	8:00	8:20	4	100	15	N	Flat
WB007	Impact	June 29, 2024	13W	431112	7561308	13:35	13:55	18	5	10	SW	Hazy
WB008	Impact	June 29, 2024	13W	430234	7559543	13:05	13:25	17	5	15	NW	Bright
WB011	Impact	June 26, 2024	13W	432737	7553647	8:55	9:20	4	100	15	N	Flat
WB009	Ladder	June 28, 2024	13W	436249	7548962	15:05	15:25	10	5	15	SW	Bright
WB010	Ladder	June 24, 2024	13W	437137	7553258	15:10	15:30	6	5	20	W	Bright
WB013	Ladder	June 28, 2024	13W	434774	7545420	14:33	14:53	10	5	15	SW	Bright

Site ID	Precipitation	Noise	Waterbody Type	Waterbody Size	Riparian Shrub (%)	Upland Shrub (%)	Grasses (%)	Bare Ground (%)	Lichen/Moss (%)	Water (%)
WB001	Nil	None	Lake	Large	0	5	5	15	5	70
WB002	Nil	None	Lake	Large	5	10	10	5	5	65
WB006	Nil	None	Lake	Large	5	10	35	5	5	40
WB012	Nil	None	Lake	Large	0	15	5	15	10	55
WB014	Nil	None	Pond, Lake	Large	10	10	15	20	10	35
WB015	Nil	Slight	Lake	Large	0	20	10	10	20	40
WB003	Nil	Moderate	Lake	Large	5	5	5	15	5	65
WB004	Nil	Slight	Lake	Large	15	25	10	15	10	25
WB005	Nil	None	Lake	Large	0	10	20	20	10	40
WB007	Nil	Slight	Lake, Pond	Medium	5	20	20	15	10	30
WB008	Nil	None	Lake	Large	5	10	5	20	5	55
WB011	Nil	None	Wetland, Pond	Medium	10	10	55	5	5	15
WB009	Nil	Slight	Lake	Large	5	20	20	5	15	35
WB010	Nil	Slight	Wetland, Lake	Medium	0	20	20	10	10	40
WB013	Nil	None	Lake	Medium	5	0	15	5	5	70

APPENDIX W REGIONAL SHORELINE SURVEY BIRD OBSERVATION DATA, 2024

APPENDIX W: REGIONAL SHORELINE SURVEY BIRD OBSERVATION DATA, 2024

Site ID	Site Type	Species Name	Total Male	Total Female	Total Unknown	Total Young	Total Birds Observed	Comments
WB001	Control	Cackling Goose	0	0	1	0	1	
WB001	Control	Cackling Goose	1	1	0	0	2	
WB002	Control	Red-breasted Merganser	2	2	0	0	4	
WB002	Control	Northern Pintail	1	0	0	0	1	
WB002	Control	Greater Scaup	1	0	0	0	1	
WB012	Control	Herring Gull	0	0	1	0	1	
WB012	Control	Long-tailed Duck	1	4	0	0	5	
WB014	Control	Northern Pintail	3	1	0	0	4	
WB014	Control	Red-breasted Merganser	1	0	0	0	1	
WB014	Control	Pacific Loon	0	0	1	0	1	
WB014	Control	Greater Scaup	2	0	0	0	2	
WB003	Impact	Red-throated Loon	0	0	1	0	1	
WB005	Impact	Cackling Goose	1	1	22	4	28	
WB005	Impact	Greater White-fronted Goose	0	1	0	6	7	
WB005	Impact	Long-tailed Duck	1	1	0	0	2	
WB007	Impact	Tundra Swan	1	0	0	3	4	
WB007	Impact	Pacific Loon	0	0	2	0	2	
WB008	Impact	Canada Goose	0	0	2	1	3	Pair with young
WB011	Impact	Sandhill Crane	0	0	4	0	4	
WB009	Ladder	Pacific Loon	0	0	1	0	1	
WB010	Ladder	Pacific Loon	1	1	0	0	2	Pair
WB013	Ladder	Northern Pintail	0	4	0	7	11	
WB013	Ladder	Pacific Loon	0	0	2	0	2	

APPENDIX X TAILINGS IMPOUNDMENT AREA SHORELINE SURVEY LOCATIONS AND HABITAT DATA, 2024

APPENDIX X: TAILINGS IMPOUNDMENT AREA SHORELINE SURVEY LOCATIONS AND HABITAT DATA, 2024

Site ID	Site Type	Survey Date	Zone	Easting	Northing	Time Start	Time End	Temperature (°C)	Cloud Cover (%)	Wind Speed (km/hr)	Wind Direction	Light
O-6	Control	June 24, 2024	13W	436448	7551344	14:00	14:20	7	5	20	W	Bright
Wbr1	Control	June 24, 2024	13W	435599	7555327	11:25	11:45	6	10	15	NW	Bright
WBR2	Control	June 24, 2024	13W	436092	7554641	10:45	11:05	6	10	20	NW	Bright
Wbr3	Control	June 24, 2024	13W	435826	7554001	12:15	12:35	6	15	20	W	Bright
Wbr4	Control	June 29, 2024	13W	436516	7553397	9:25	9:45	10	5	10	NE	Bright
WBR5A	Control	June 24, 2024	13W	4536158	7552707	13:25	13:45	6	10	20	W	Bright
WB1	Impact	June 20, 2024	13W	435459	7556152	14:55	15:15	5	100	5	N	Variable
WB2	Impact	June 26, 2024	13W	435735	7556748	11:05	11:25	4	60	25	N	Variable
WB3	Impact	June 24, 2024	13W	435385	7557181	10:40	11:00	5	100	5	N	Flat
WB6	Impact	June 24, 2024	13W	434712	7558150	14:45	15:05	7	5	15	W	Bright
WB7	Impact	June 26, 2024	13W	434622	7558995	10:35	10:55	4	70	25	N	Variable
WINDEP	Impact	June 20, 2024	13W	435234	7557984	11:02	11:22	4	100	2	N	Flat

Site ID	Precipitation	Noise	Waterbody Type	Waterbody Size	Riparian Shrub (%)	Upland Shrub (%)	Grasses (%)	Bare Ground (%)	Lichen/Moss (%)	Wetland (%)
O-6	Nil	None	Lake	Large	5	10	20	10	20	35
Wbr1	Nil	Slight	Lake	Large	5	15	25	15	15	25
WBR2	Nil	Slight	Lake	Large	0	10	15	5	10	60
Wbr3	Nil	None	Lake	Large	1	9	10	15	10	55
Wbr4	Nil	Slight	Lake	Large	5	15	15	5	10	50
WBR5A	Nil	Slight	Lake	Large	5	15	10	5	15	50
WB1	Nil	Slight	Lake	Large	0	10	15	10	15	50
WB2	Nil	Moderate	Lake	Large	0	20	20	10	10	40
WB3	Nil	Slight	Lake	Large	5	5	20	5	15	50
WB6	Nil	Slight	Wetland	Large	5	20	15	5	15	40
WB7	Nil	Slight	Lake	Large	5	20	20	10	10	35
WINDEP	Nil	Slight	Lake	Large	1	1	13	5	20	60

APPENDIX Y TAILINGS IMPOUNDMENT AREA SHORELINE SURVEY BIRD OBSERVATION DATA, 2024

APPENDIX Y: TAILINGS IMPOUNDMENT AREA SHORELINE SURVEY BIRD OBSERVATION DATA, 2024

Site ID	Site Type	Species Name	Total Male	Total Female	Total Unknown	Total Young	Total Birds
O-6	Control	Northern Pintail	0	1	0	0	1
Wbr1	Control	Canada Goose	0	0	1	0	1
Wbr1	Control	Greater Scaup	1	1	0	0	2
Wbr3	Control	Pacific Loon	0	0	2	0	2
Wbr4	Control	Red-throated Loon	0	0	1	0	1
WBR5A	Control	Red-throated Loon	0	0	1	0	1
WB1	Impact	Long-tailed Duck	3	2	0	0	5
WB3	Impact	Northern Pintail	2	0	0	0	2
WB3	Impact	Canada Goose	0	0	11	0	11
WB3	Impact	Long-tailed Duck	1	0	0	0	1
WB6	Impact	Canada Goose	0	0	17	0	17
WB7	Impact	Red-breasted Merganser	1	1	0	0	2
WINDEP	Impact	Greater White-fronted Goose	0	0	5	0	5
WINDEP	Impact	Pacific Loon	0	0	3	0	3
WINDEP	Impact	Long-tailed Duck	1	2	0	0	3

APPENDIX Z WATER QUALITY RESULTS AT THE TAILINGS IMPOUNDMENT AREA WITH GUIDELINES RELEVANT TO WILDLIFE, 2024

APPENDIX Z: WATER QUALITY RESULTS AT THE TAILINGS IMPOUNDMENT AREA WITH GUIDELINES RELEVANT TO WILDLIFE, 2024

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Arsenic (As), Total	TL1	January 2, 2024	0.0020600	0.025
Arsenic (As), Total	TL1	January 9, 2024	0.0020900	0.025
Arsenic (As), Total	TL1	January 16, 2024	0.0022000	0.025
Arsenic (As), Total	TL1	January 23, 2024	0.0024200	0.025
Arsenic (As), Total	TL1	January 23, 2024	0.0021800	0.025
Arsenic (As), Total	TL1	January 23, 2024	0.0001000	0.025
Arsenic (As), Total	TL1	January 30, 2024	0.0023700	0.025
Arsenic (As), Total	TL1	February 6, 2024	0.0020100	0.025
Arsenic (As), Total	TL1	February 13, 2024	0.0023200	0.025
Arsenic (As), Total	TL1	February 20, 2024	0.0021400	0.025
Arsenic (As), Total	TL1	March 5, 2024	0.0021100	0.025
Arsenic (As), Total	TL1	March 5, 2024	0.0022000	0.025
Arsenic (As), Total	TL1	March 19, 2024	0.0020600	0.025
Arsenic (As), Total	TL1	March 26, 2024	0.0022600	0.025
Arsenic (As), Total	TL1	April 2, 2024	0.0020100	0.025
Arsenic (As), Total	TL1	April 9, 2024	0.0021000	0.025
Arsenic (As), Total	TL1	April 16, 2024	0.0021100	0.025
Arsenic (As), Total	TL1	April 23, 2024	0.0022400	0.025
Arsenic (As), Total	TL1	April 30, 2024	0.0020300	0.025
Arsenic (As), Total	TL1	May 7, 2024	0.0021500	0.025
Arsenic (As), Total	TL1	May 14, 2024	0.0021500	0.025
Arsenic (As), Total	TL1	May 21, 2024	0.0021300	0.025
Arsenic (As), Total	TL1	May 28, 2024	0.0022300	0.025
Arsenic (As), Total	TL1	June 4, 2024	0.0023100	0.025
Arsenic (As), Total	TL1	June 11, 2024	0.0021700	0.025
Arsenic (As), Total	TL1	June 18, 2024	0.0020500	0.025
Arsenic (As), Total	TL1	June 25, 2024	0.0021600	0.025
Arsenic (As), Total	TL1	July 2, 2024	0.0022700	0.025

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Arsenic (As), Total	TL1	July 9, 2024	0.0021200	0.025
Arsenic (As), Total	TL1	July 16, 2024	0.0021200	0.025
Arsenic (As), Total	TL1	July 23, 2024	0.0020400	0.025
Arsenic (As), Total	TL1	August 6, 2024	0.0023000	0.025
Arsenic (As), Total	TL1	August 13, 2024	0.0027500	0.025
Arsenic (As), Total	TL1	August 27, 2024	0.0023100	0.025
Arsenic (As), Total	TL1	September 3, 2024	0.0023200	0.025
Arsenic (As), Total	TL1	September 10, 2024	0.0024200	0.025
Arsenic (As), Total	TL1	September 17, 2024	0.0024100	0.025
Arsenic (As), Total	TL1	September 24, 2024	0.0026300	0.025
Arsenic (As), Total	TL1	October 1, 2024	0.0024600	0.025
Arsenic (As), Total	TL1	October 8, 2024	0.0028200	0.025
Arsenic (As), Total	TL1	October 15, 2024	0.0028200	0.025
Arsenic (As), Total	TL1	October 22, 2024	0.0023900	0.025
Arsenic (As), Total	TL1	October 22, 2024	0.0024100	0.025
Arsenic (As), Total	TL1	October 29, 2024	0.0023700	0.025
Arsenic (As), Total	TL1	November 26, 2024	0.0023800	0.025
Arsenic (As), Total	TL1	November 26, 2024	0.0023200	0.025
Arsenic (As), Total	TL1	December 3, 2024	0.0023000	0.025
Arsenic (As), Total	TL1	December 3, 2024	0.0020800	0.025
Arsenic (As), Total	TL1	December 10, 2024	0.0024000	0.025
Arsenic (As), Total	TL1	December 17, 2024	0.0022400	0.025
Cadmium (Cd), Total	TL1	January 2, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	January 9, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	January 16, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	January 23, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	January 23, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	January 23, 2024	0.0000050	0.08
Cadmium (Cd), Total	TL1	January 30, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	February 6, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	February 13, 2024	0.0000304	0.08
Cadmium (Cd), Total	TL1	February 20, 2024	0.0000250	0.08

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Cadmium (Cd), Total	TL1	March 5, 2024	0.0000278	0.08
Cadmium (Cd), Total	TL1	March 12, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	March 19, 2024	0.0000318	0.08
Cadmium (Cd), Total	TL1	March 26, 2024	0.0000271	0.08
Cadmium (Cd), Total	TL1	April 2, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	April 9, 2024	0.0000336	0.08
Cadmium (Cd), Total	TL1	April 16, 2024	0.0000260	0.08
Cadmium (Cd), Total	TL1	April 23, 2024	0.0000318	0.08
Cadmium (Cd), Total	TL1	April 30, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	May 7, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	May 14, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	May 21, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	May 28, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	June 4, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	June 11, 2024	0.0000316	0.08
Cadmium (Cd), Total	TL1	June 18, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	June 25, 2024	0.0000266	0.08
Cadmium (Cd), Total	TL1	July 2, 2024	0.0000500	0.08
Cadmium (Cd), Total	TL1	July 9, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	July 16, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	July 23, 2024	0.0000338	0.08
Cadmium (Cd), Total	TL1	August 6, 2024	0.0000252	0.08
Cadmium (Cd), Total	TL1	August 13, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	August 27, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	September 3, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	September 10, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	September 17, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	September 24, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	October 1, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	October 8, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	October 15, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	October 22, 2024	0.0000250	0.08

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Cadmium (Cd), Total	TL1	October 22, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	October 29, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	November 26, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	November 26, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	December 3, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	December 3, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	December 10, 2024	0.0000250	0.08
Cadmium (Cd), Total	TL1	December 17, 2024	0.0000250	0.08
Copper (Cu), Total	TL1	January 2, 2024	0.0138000	5 ²
Copper (Cu), Total	TL1	January 9, 2024	0.0137000	5 ²
Copper (Cu), Total	TL1	January 16, 2024	0.0139000	5 ²
Copper (Cu), Total	TL1	January 23, 2024	0.0153000	5 ²
Copper (Cu), Total	TL1	January 23, 2024	0.0139000	5 ²
Copper (Cu), Total	TL1	January 23, 2024	0.0005000	5 ²
Copper (Cu), Total	TL1	January 30, 2024	0.0168000	5 ²
Copper (Cu), Total	TL1	February 6, 2024	0.0160000	5 ²
Copper (Cu), Total	TL1	February 13, 2024	0.0151000	5 ²
Copper (Cu), Total	TL1	February 20, 2024	0.0162000	5 ²
Copper (Cu), Total	TL1	March 5, 2024	0.0182000	5 ²
Copper (Cu), Total	TL1	March 12, 2024	0.0149000	5 ²
Copper (Cu), Total	TL1	March 19, 2024	0.0145000	5 ²
Copper (Cu), Total	TL1	March 26, 2024	0.0158000	5 ²
Copper (Cu), Total	TL1	April 2, 2024	0.0311000	5 ²
Copper (Cu), Total	TL1	April 9, 2024	0.0151000	5 ²
Copper (Cu), Total	TL1	April 16, 2024	0.0151000	5 ²
Copper (Cu), Total	TL1	April 23, 2024	0.0153000	5 ²
Copper (Cu), Total	TL1	April 30, 2024	0.0162000	5 ²
Copper (Cu), Total	TL1	May 7, 2024	0.0324000	5 ²
Copper (Cu), Total	TL1	May 14, 2024	0.0202000	5 ²
Copper (Cu), Total	TL1	May 21, 2024	0.0163000	5 ²
Copper (Cu), Total	TL1	May 28, 2024	0.0168000	5 ²
Copper (Cu), Total	TL1	June 4, 2024	0.0176000	5 ²

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Copper (Cu), Total	TL1	June 11, 2024	0.0169000	5 ²
Copper (Cu), Total	TL1	June 18, 2024	0.0186000	5 ²
Copper (Cu), Total	TL1	June 25, 2024	0.0176000	5 ²
Copper (Cu), Total	TL1	July 2, 2024	0.0157000	5 ²
Copper (Cu), Total	TL1	July 9, 2024	0.0173000	5 ²
Copper (Cu), Total	TL1	July 16, 2024	0.0181000	5 ²
Copper (Cu), Total	TL1	July 23, 2024	0.0154000	5 ²
Copper (Cu), Total	TL1	August 6, 2024	0.0150000	5 ²
Copper (Cu), Total	TL1	August 13, 2024	0.0123000	5 ²
Copper (Cu), Total	TL1	August 27, 2024	0.0119000	5 ²
Copper (Cu), Total	TL1	September 3, 2024	0.0124000	5 ²
Copper (Cu), Total	TL1	September 10, 2024	0.0128000	5 ²
Copper (Cu), Total	TL1	September 17, 2024	0.0124000	5 ²
Copper (Cu), Total	TL1	September 24, 2024	0.0135000	5 ²
Copper (Cu), Total	TL1	October 1, 2024	0.0124000	5 ²
Copper (Cu), Total	TL1	October 8, 2024	0.0156000	5 ²
Copper (Cu), Total	TL1	October 15, 2024	0.0132000	5 ²
Copper (Cu), Total	TL1	October 22, 2024	0.0126000	5 ²
Copper (Cu), Total	TL1	October 22, 2024	0.0131000	5 ²
Copper (Cu), Total	TL1	October 29, 2024	0.0130000	5 ²
Copper (Cu), Total	TL1	November 26, 2024	0.0110000	5 ²
Copper (Cu), Total	TL1	November 26, 2024	0.0113000	5 ²
Copper (Cu), Total	TL1	December 3, 2024	0.0111000	5 ²
Copper (Cu), Total	TL1	December 3, 2024	0.0105000	5 ²
Copper (Cu), Total	TL1	December 10, 2024	0.0110000	5 ²
Copper (Cu), Total	TL1	December 17, 2024	0.0107000	5 ²
Lead (Pb), Total	TL1	January 2, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	January 9, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	January 16, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	January 23, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	January 23, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	January 23, 2024	0.0000500	0.1

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Lead (Pb), Total	TL1	January 30, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	February 6, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	February 13, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	February 20, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	March 5, 2024	0.0003210	0.1
Lead (Pb), Total	TL1	March 12, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	March 19, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	March 26, 2024	0.0005370	0.1
Lead (Pb), Total	TL1	April 2, 2024	0.0005500	0.1
Lead (Pb), Total	TL1	April 9, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	April 16, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	April 23, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	April 30, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	May 7, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	May 14, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	May 21, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	May 28, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	June 4, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	June 11, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	June 18, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	June 25, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	July 2, 2024	0.0005000	0.1
Lead (Pb), Total	TL1	July 9, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	July 16, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	July 23, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	August 6, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	August 13, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	August 27, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	September 3, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	September 10, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	September 17, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	September 24, 2024	0.0002500	0.1

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Lead (Pb), Total	TL1	October 1, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	October 8, 2024	0.0003310	0.1
Lead (Pb), Total	TL1	October 15, 2024	0.0002770	0.1
Lead (Pb), Total	TL1	October 22, 2024	0.0003030	0.1
Lead (Pb), Total	TL1	October 22, 2024	0.0003330	0.1
Lead (Pb), Total	TL1	October 29, 2024	0.0003910	0.1
Lead (Pb), Total	TL1	November 26, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	November 26, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	December 3, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	December 3, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	December 10, 2024	0.0002500	0.1
Lead (Pb), Total	TL1	December 17, 2024	0.0002500	0.1
Mercury (Hg), Total	TL1	January 2, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 9, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 16, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 23, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 23, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 23, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	January 30, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	February 6, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	February 13, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	February 20, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	March 5, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	March 12, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	March 19, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	March 26, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	April 2, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	April 9, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	April 16, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	April 23, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	April 30, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	May 7, 2024	0.0000050	0.003

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Mercury (Hg), Total	TL1	May 14, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	May 21, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	May 28, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	June 4, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	June 11, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	June 18, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	June 25, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	July 2, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	July 9, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	July 16, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	July 23, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	August 6, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	August 13, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	August 27, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	September 3, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	September 10, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	September 17, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	September 24, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	October 1, 2024	0.0000061	0.003
Mercury (Hg), Total	TL1	October 8, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	October 15, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	October 22, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	October 22, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	October 29, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	November 26, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	November 26, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	December 3, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	December 3, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	December 10, 2024	0.0000050	0.003
Mercury (Hg), Total	TL1	December 17, 2024	0.0000050	0.003
Nickel (Ni), Total	TL1	January 2, 2024	0.0075400	1
Nickel (Ni), Total	TL1	January 9, 2024	0.0078700	1

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Nickel (Ni), Total	TL1	January 16, 2024	0.0081100	1
Nickel (Ni), Total	TL1	January 23, 2024	0.0083000	1
Nickel (Ni), Total	TL1	January 23, 2024	0.0077000	1
Nickel (Ni), Total	TL1	January 23, 2024	0.0005000	1
Nickel (Ni), Total	TL1	January 30, 2024	0.0184000	1
Nickel (Ni), Total	TL1	February 6, 2024	0.0142000	1
Nickel (Ni), Total	TL1	February 13, 2024	0.0083900	1
Nickel (Ni), Total	TL1	February 20, 2024	0.0115000	1
Nickel (Ni), Total	TL1	March 5, 2024	0.0165000	1
Nickel (Ni), Total	TL1	March 12, 2024	0.0079400	1
Nickel (Ni), Total	TL1	March 19, 2024	0.0077100	1
Nickel (Ni), Total	TL1	March 26, 2024	0.0082600	1
Nickel (Ni), Total	TL1	April 2, 2024	0.0124000	1
Nickel (Ni), Total	TL1	April 9, 2024	0.0075900	1
Nickel (Ni), Total	TL1	April 16, 2024	0.0078600	1
Nickel (Ni), Total	TL1	April 23, 2024	0.0079300	1
Nickel (Ni), Total	TL1	April 30, 2024	0.0093400	1
Nickel (Ni), Total	TL1	May 7, 2024	0.0120000	1
Nickel (Ni), Total	TL1	May 14, 2024	0.0088800	1
Nickel (Ni), Total	TL1	May 21, 2024	0.0083700	1
Nickel (Ni), Total	TL1	May 28, 2024	0.0080500	1
Nickel (Ni), Total	TL1	June 4, 2024	0.0092600	1
Nickel (Ni), Total	TL1	June 11, 2024	0.0086800	1
Nickel (Ni), Total	TL1	June 18, 2024	0.0125000	1
Nickel (Ni), Total	TL1	June 25, 2024	0.0083800	1
Nickel (Ni), Total	TL1	July 2, 2024	0.0082400	1
Nickel (Ni), Total	TL1	July 9, 2024	0.0085600	1
Nickel (Ni), Total	TL1	July 16, 2024	0.0075700	1
Nickel (Ni), Total	TL1	July 23, 2024	0.0084700	1
Nickel (Ni), Total	TL1	August 6, 2024	0.0083900	1
Nickel (Ni), Total	TL1	August 13, 2024	0.0069000	1
Nickel (Ni), Total	TL1	August 27, 2024	0.0058600	1

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Nickel (Ni), Total	TL1	September 3, 2024	0.0059000	1
Nickel (Ni), Total	TL1	September 10, 2024	0.0057700	1
Nickel (Ni), Total	TL1	September 17, 2024	0.0060600	1
Nickel (Ni), Total	TL1	September 24, 2024	0.0061300	1
Nickel (Ni), Total	TL1	October 1, 2024	0.0069600	1
Nickel (Ni), Total	TL1	October 8, 2024	0.0065600	1
Nickel (Ni), Total	TL1	October 15, 2024	0.0063300	1
Nickel (Ni), Total	TL1	October 22, 2024	0.0058600	1
Nickel (Ni), Total	TL1	October 22, 2024	0.0057000	1
Nickel (Ni), Total	TL1	October 29, 2024	0.0607000	1
Nickel (Ni), Total	TL1	November 26, 2024	0.0056600	1
Nickel (Ni), Total	TL1	November 26, 2024	0.0058500	1
Nickel (Ni), Total	TL1	December 3, 2024	0.0057100	1
Nickel (Ni), Total	TL1	December 3, 2024	0.0056200	1
Nickel (Ni), Total	TL1	December 10, 2024	0.0057000	1
Nickel (Ni), Total	TL1	December 17, 2024	0.0059400	1
Selenium (Se), Total	TL1	January 2, 2024	0.0002730	0.05
Selenium (Se), Total	TL1	January 9, 2024	0.0003550	0.05
Selenium (Se), Total	TL1	January 16, 2024	0.0002990	0.05
Selenium (Se), Total	TL1	January 23, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	January 23, 2024	0.0002640	0.05
Selenium (Se), Total	TL1	January 23, 2024	0.0000500	0.05
Selenium (Se), Total	TL1	January 30, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	February 6, 2024	0.0004740	0.05
Selenium (Se), Total	TL1	February 13, 2024	0.0003880	0.05
Selenium (Se), Total	TL1	February 20, 2024	0.0002940	0.05
Selenium (Se), Total	TL1	March 5, 2024	0.0003280	0.05
Selenium (Se), Total	TL1	March 12, 2024	0.0002830	0.05
Selenium (Se), Total	TL1	March 19, 2024	0.0002940	0.05
Selenium (Se), Total	TL1	March 26, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	April 2, 2024	0.0003420	0.05
Selenium (Se), Total	TL1	April 9, 2024	0.0002720	0.05

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Selenium (Se), Total	TL1	April 16, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	April 23, 2024	0.0002580	0.05
Selenium (Se), Total	TL1	April 30, 2024	0.0002600	0.05
Selenium (Se), Total	TL1	May 7, 2024	0.0003820	0.05
Selenium (Se), Total	TL1	May 14, 2024	0.0003010	0.05
Selenium (Se), Total	TL1	May 21, 2024	0.0003510	0.05
Selenium (Se), Total	TL1	May 28, 2024	0.0003380	0.05
Selenium (Se), Total	TL1	June 4, 2024	0.0003720	0.05
Selenium (Se), Total	TL1	June 11, 2024	0.0003820	0.05
Selenium (Se), Total	TL1	June 18, 2024	0.0002720	0.05
Selenium (Se), Total	TL1	June 25, 2024	0.0003010	0.05
Selenium (Se), Total	TL1	July 2, 2024	0.0005000	0.05
Selenium (Se), Total	TL1	July 9, 2024	0.0003570	0.05
Selenium (Se), Total	TL1	July 16, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	July 23, 2024	0.0003110	0.05
Selenium (Se), Total	TL1	August 6, 2024	0.0007680	0.05
Selenium (Se), Total	TL1	August 13, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	August 27, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	September 3, 2024	0.0002530	0.05
Selenium (Se), Total	TL1	September 10, 2024	0.0007140	0.05
Selenium (Se), Total	TL1	September 17, 2024	0.0002660	0.05
Selenium (Se), Total	TL1	September 24, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	October 1, 2024	0.0002940	0.05
Selenium (Se), Total	TL1	October 8, 2024	0.0003300	0.05
Selenium (Se), Total	TL1	October 15, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	October 22, 2024	0.0002830	0.05
Selenium (Se), Total	TL1	October 22, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	October 29, 2024	0.0003310	0.05
Selenium (Se), Total	TL1	November 26, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	November 26, 2024	0.0002860	0.05
Selenium (Se), Total	TL1	December 3, 2024	0.0002500	0.05
Selenium (Se), Total	TL1	December 3, 2024	0.0002500	0.05

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Selenium (Se), Total	TL1	December 10, 2024	0.0002700	0.05
Selenium (Se), Total	TL1	December 17, 2024	0.0002500	0.05
Zinc (Zn), Total	TL1	January 2, 2024	0.0150000	50
Zinc (Zn), Total	TL1	January 9, 2024	0.0150000	50
Zinc (Zn), Total	TL1	January 16, 2024	0.0150000	50
Zinc (Zn), Total	TL1	January 23, 2024	0.0150000	50
Zinc (Zn), Total	TL1	January 23, 2024	0.0150000	50
Zinc (Zn), Total	TL1	January 23, 2024	0.0030000	50
Zinc (Zn), Total	TL1	January 30, 2024	0.0150000	50
Zinc (Zn), Total	TL1	February 6, 2024	0.0150000	50
Zinc (Zn), Total	TL1	February 13, 2024	0.0150000	50
Zinc (Zn), Total	TL1	February 20, 2024	0.0150000	50
Zinc (Zn), Total	TL1	March 5, 2024	0.0150000	50
Zinc (Zn), Total	TL1	March 12, 2024	0.0150000	50
Zinc (Zn), Total	TL1	March 19, 2024	0.0150000	50
Zinc (Zn), Total	TL1	March 26, 2024	0.0150000	50
Zinc (Zn), Total	TL1	April 2, 2024	0.0150000	50
Zinc (Zn), Total	TL1	April 9, 2024	0.0150000	50
Zinc (Zn), Total	TL1	April 16, 2024	0.0150000	50
Zinc (Zn), Total	TL1	April 23, 2024	0.0150000	50
Zinc (Zn), Total	TL1	April 30, 2024	0.0150000	50
Zinc (Zn), Total	TL1	May 7, 2024	0.0150000	50
Zinc (Zn), Total	TL1	May 14, 2024	0.0150000	50
Zinc (Zn), Total	TL1	May 21, 2024	0.0150000	50
Zinc (Zn), Total	TL1	May 28, 2024	0.0150000	50
Zinc (Zn), Total	TL1	June 4, 2024	0.0150000	50
Zinc (Zn), Total	TL1	June 11, 2024	0.0150000	50
Zinc (Zn), Total	TL1	June 18, 2024	0.0150000	50
Zinc (Zn), Total	TL1	June 25, 2024	0.0150000	50
Zinc (Zn), Total	TL1	July 2, 2024	0.0300000	50
Zinc (Zn), Total	TL1	July 9, 2024	0.0150000	50
Zinc (Zn), Total	TL1	July 16, 2024	0.0150000	50

Parameter	Sample Point	Date	Data Point (mg/L)	CCME Water Quality Criteria—Livestock ¹ (mg/L)
Zinc (Zn), Total	TL1	July 23, 2024	0.0150000	50
Zinc (Zn), Total	TL1	August 6, 2024	0.0259000	50
Zinc (Zn), Total	TL1	August 13, 2024	0.0150000	50
Zinc (Zn), Total	TL1	August 27, 2024	0.0150000	50
Zinc (Zn), Total	TL1	September 3, 2024	0.0150000	50
Zinc (Zn), Total	TL1	September 10, 2024	0.0150000	50
Zinc (Zn), Total	TL1	September 17, 2024	0.0150000	50
Zinc (Zn), Total	TL1	September 24, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 1, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 8, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 15, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 22, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 22, 2024	0.0150000	50
Zinc (Zn), Total	TL1	October 29, 2024	0.0150000	50
Zinc (Zn), Total	TL1	November 26, 2024	0.0150000	50
Zinc (Zn), Total	TL1	November 26, 2024	0.0150000	50
Zinc (Zn), Total	TL1	December 3, 2024	0.0150000	50
Zinc (Zn), Total	TL1	December 3, 2024	0.0150000	50
Zinc (Zn), Total	TL1	December 10, 2024	0.0150000	50
Zinc (Zn), Total	TL1	December 17, 2024	0.0150000	50

Notes:

¹ Canadian Council of Ministers of the Environment (CCME) Water Quality Guidelines for the Protection of Agriculture—Livestock (CCME 2021).

² Guideline is variable and 5 mg/L for poultry was used from the CCREM's 1987 (updated in 2008) Canadian Water Quality Guidelines.

APPENDIX AA MARINE MAMMAL MONITORING IN ROBERTS BAY, 2024

APPENDIX AA: MARINE MAMMAL MONITORING IN ROBERTS BAY, 2024

Survey Date	Survey Location	Anchored Vessel	# of Moving Vessels	Time of Sighting	Species	Count	Age	Sex	Behaviour	Behaviour Changes?	Comments
September 1, 2024	730 Building	None	0						No observations		
September 2, 2024	730 Building	None	0						No observations		
September 3, 2024	730 Building	None	0						No observations		
September 4, 2024	730 Building	None	0						No observations		
September 5, 2024	730 Building	None	0						No observations		
September 6, 2024	730 Building	None	0						No observations		
September 7, 2024	Jetty	None	0						No observations		
September 8, 2024	730 Building	None	0						No observations		
September 9, 2024	730 Building	None	0						No observations		
September 10, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	0						No observations		
September 11, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	0						No observations		
September 12, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	1						No observations		
September 13, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	1	6:40	Ringed seal	1	Adult	UNK	Resting on rock	No	Changed position on rock; remains beyond survey time
September 14, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	1						No observations		
September 15, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	1						No observations		
September 16, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	2						No observations		
September 17, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	1						No observations		
September 18, 2024	730 Building	MW Qikiqtaaluk W, MW Mitiq	2						No observations		
September 19, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	0						No observations		
September 20, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	0						No observations		
September 21, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	0						No observations		
September 22, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	2						No observations		
September 23, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	2						No observations		

Survey Date	Survey Location	Anchored Vessel	# of Moving Vessels	Time of Sighting	Species	Count	Age	Sex	Behaviour	Behaviour Changes?	Comments
September 24, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	2	No observations							
September 25, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	0	No observations							
September 26, 2024	730 Building	NSSI Cargo Vessel—MV Nordika	0	No observations							
September 27, 2024	Jetty	NSSI Cargo Vessel—MV Nordika	0	No observations							
September 28, 2024	Jetty	NSSI Cargo Vessel—MV Nordika	0	No observations							
September 29, 2024	Jetty	None	0	No observations							
September 30, 2024	Jetty	None	0	No observations							
September 30, 2024	Jetty	None	0	No observations							
October 1, 2024	Jetty	None	0	No observations							
October 2, 2024	Jetty	None	0	No observations							

APPENDIX AB SUMMARY OF THE AT SEA VESSEL WILDLIFE SIGHTINGS LOG AND INCIDENTAL SIGHTINGS, 2024

APPENDIX AB: SUMMARY OF THE AT SEA VESSEL WILDLIFE SIGHTINGS LOG AND INCIDENTAL SIGHTINGS, 2024

Vessel Name	Date	Time	Ship Speed (kt)	Species	Distance from Vessel (m)	Number of Individuals	Behaviour	Notes	Ship Strike?	Mitigation Action and Result
Mitiq	September 7, 2024	5:13	13.6	Northern fulmar	15	1	Flying	N/A	No	N/A
Mitiq	September 8, 2024	13:26	11.9	Bearded seal	300	15	Swimming	N/A	No	Altered course to starboard. Successful in providing >500 m buffer to species.
Mitiq	September 9, 2024	20:15	142	Glaucous gull	40	30	Resting on ocean surfaces	N/A		
Mitiq	September 10, 2024	9:20	At anchor	Iceland gull	75	2	Flying	N/A	No	N/A
Mitiq	September 11, 2024	9:45	At anchor	Unidentified bird	15	1	Flying	N/A	No	N/A
Mitiq	September 12, 2024	11:00	At anchor	Glaucous gull	20	1	Flying	N/A		
Mitiq	September 13, 2024	19:05	At anchor	Herring gull	25	1	Flying	N/A	No	N/A
Mitiq	September 14, 2024	17:00	At anchor	No observations						
Mitiq	September 15, 2024	20:00	At anchor	No observations						
Mitiq	September 16, 2024	20:00	At anchor	No observations						
Mitiq	September 17, 2024	20:00	At anchor	No observations						
Mitiq	September 18, 2024	20:00	At anchor	No observations						
Mitiq	September 19, 2024	14:30	11.6	Unidentified bird	600	3	Flying	N/A	No	N/A
Mitiq	September 20, 2024	7:30	150	Northern fulmar	15	1	Flying	N/A	No	N/A
Mitiq	September 21, 2024	20:00	At anchor	No observations						
Mitiq	September 22, 2024	16:30	13	Northern fulmar	20	1	Flying	N/A	No	N/A
Mitiq	September 23, 2024	20:00	At anchor	No observations						
Mitiq	September 24, 2024	20:00	At anchor	No observations						
Mitiq	September 25, 2024	20:00	At anchor	No observations						
Mitiq	September 26, 2024	17:50	15	Razorbill	20	3	Flying	N/A	No	N/A
Nordika Desgagnes	October 1, 2024	18:05	13.5	No observations						
Nordika Desgagnes	October 1, 2024	18:11	13.5	Unidentified gull		1	Rafting		No	N/A
Nordika Desgagnes	October 1, 2024	18:17	13.5	Northern fulmar		2	Flying	Brownish	No	N/A
Nordika Desgagnes	October 1, 2024	18:23	13.5	No observations						
Nordika Desgagnes	October 1, 2024	18:29	13.5	Northern fulmar		1	Flying	Brownish	No	N/A

Vessel Name	Date	Time	Ship Speed (kt)	Species	Distance from Vessel (m)	Number of Individuals	Behaviour	Notes	Ship Strike?	Mitigation Action and Result
Nordika Desgagnes	October 1, 2024	18:35	13.5	No observations						
Nordika Desgagnes	October 1, 2024	16:00	13.5	No observations						
Nordika Desgagnes	September 17, 2024	18:10	13	No observations						
Nordika Desgagnes	September 17, 2024	18:20	13	Unidentified bird	100	6	In water	N/A	No	N/A
Nordika Desgagnes	September 17, 2024	18:20	13	Northern fulmar		3	In water	Swimming	No	N/A
Nordika Desgagnes	September 17, 2024	18:30	13	No observations						
Nordika Desgagnes	September 17, 2024	18:40	13	No observations						
Nordika Desgagnes	September 17, 2024	18:50	13	No observations						
Nordika Desgagnes	September 17, 2024	19:00	13	No observations						
Nordika Desgagnes	September 17, 2024	12:10	13	Unidentified seal	100	1	Travel	Swimming; dove twice	No	N/A
Nordika Desgagnes	September 17, 2024	12:30	13	Narwhales	200	8	Travel	Swimming, breathing, and diving	No	N/A
Nordika Desgagnes	September 17, 2024	12:45	13	Unidentified seal	150	6	Travel	Swimming and diving	No	N/A
Nordika Desgagnes	September 30, 2024	16:00	14	No observations						
Qikiqtaaluk	September 1, 2024	12:00	9	No observations						
Qikiqtaaluk	September 7, 2024	12:00	12	No observations						
Qikiqtaaluk	August 8, 2024	15:25	16	Muskox	200	1	Feeding	N/A	N/A	N/A
Qikiqtaaluk	September 8, 2024	10:50	11.3	No observations						
Qikiqtaaluk	September 8, 2024	12:00	11.5	No observations						
Qikiqtaaluk	September 9, 2024	10:12	11	No observations						
Qikiqtaaluk	August 10, 2024	23:59	Unknown	No observations						
Qikiqtaaluk	August 20, 2024	14:00	10	No observations						
Qikiqtaaluk	August 21, 2024	12:00	12	No observations						
Qikiqtaaluk	August 22, 2024	12:00	11	No observations						



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