278	279
	1 TABLE OF CONTENTS
	2
	3 Description Page
NUNAVUT WATER BOARD	4 5 March 12, 2025 Morning Session 282
	6 Opening Remarks by The Chair 287
	7 ANDREW KEIM, LAUREN PERRIN, Previously Sworn 290
	8 Presentation by Crown-Indigenous Relations 290
RENEWAL APPLICATION	9 and Northern Affairs
FOR TYPE A WATER LICENCE NO: 2AM-MRY1325 BY BAFFINLAND IRON MINES CORPORATION	10 EVA WALKER, SARAH FORTE, Previously Affirmed 296
BT BAFFINLAND INON WIINES CONFORATION	11 Presentation by Environment and Climate 29612 Change Canada
	13 PAUL HARPER, NICHOLAS WASILIK, Previously 308
	14 Affirmed
	15 Presentation by Department of Fisheries and 308
	16 Oceans
PUBLIC HEARING	17 Questions for Nunavut Water Board by 311
VOLUME 3	18 Community Representatives19 Questions for Environment and Climate Change314
	20 Canada by Baffinland Iron Mines Corporation
	21 Discussion 321
	22 Questions for Crown-Indigenous Relations and 323
	23 Northern Affairs by Nunavut Water Board Staff
5	24
Pond Inlet, Nunavut March 12, 2025	25 26
Wat 611 12, 2023	20
280	281
1 Questions for Crown-Indigenous Relations and 325	l
	1 EXHIBITS
Northern Affairs, Environment and Climate	2 Description Page
2 Northern Affairs, Environment and Climate3 Change Canada, and Department of Fisheries	2 Description Page 3
 2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368
 2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition
 2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type
 2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River
 2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 9 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 9 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 9 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368 17 Corporation, Electronic Copy, Water Licence
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 9 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368 17 Corporation, Electronic Copy, Water Licence 18 Renewal Framework Draft for Discussion
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368 17 Corporation, Electronic Copy, Water Licence 18 Renewal Framework Draft for Discussion 19 (Updated March 12, 2025) (English)
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368 17 Corporation, Electronic Copy, Water Licence 18 Renewal Framework Draft for Discussion 19 (Updated March 12, 2025) (English) 20
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369 20 Closing by Crown-Indigenous Relations and 380	2 Description Page 3 4 EXHIBIT 12 - Baffinland Iron Mines 368 5 Corporation, Electronic Copy, Disposition 6 Table for the Water Licence Renewal for Type 7 A Water Licence 2AM-MRY1325, Mary River 8 Project, February 27, 2025 (Updated March 12, 2025) (English) 10 11 EXHIBIT 13 - Baffinland Iron Mines 368 12 Corporation, Electronic Copy, Commitments 13 List from the Public Hearing (Updated March 12, 2025) (English) 15 16 EXHIBIT 14 - Baffinland Iron Mines 368 17 Corporation, Electronic Copy, Water Licence 18 Renewal Framework Draft for Discussion 19 (Updated March 12, 2025) (English)
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369 20 Closing by Crown-Indigenous Relations and 380 21 Northern Affairs, Department of Fisheries and 22 Oceans, and Environment and Climate Change 23 Canada	Description Bage EXHIBIT 12 - Baffinland Iron Mines Corporation, Electronic Copy, Disposition Table for the Water Licence Renewal for Type A Water Licence 2AM-MRY1325, Mary River Project, February 27, 2025 (Updated March 12, 2025) (English) EXHIBIT 13 - Baffinland Iron Mines Corporation, Electronic Copy, Commitments List from the Public Hearing (Updated March 12, 2025) (English) EXHIBIT 14 - Baffinland Iron Mines Corporation, Electronic Copy, Water Licence Renewal Framework Draft for Discussion (Updated March 12, 2025) (English) Updated March 12, 2025) (English)
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369 20 Closing by Crown-Indigenous Relations and 380 21 Northern Affairs, Department of Fisheries and 22 Oceans, and Environment and Climate Change 23 Canada 24 Closing by Baffinland Iron Mines Corporation 384	Description Bage EXHIBIT 12 - Baffinland Iron Mines Corporation, Electronic Copy, Disposition Table for the Water Licence Renewal for Type A Water Licence 2AM-MRY1325, Mary River Project, February 27, 2025 (Updated March 12, 2025) (English) EXHIBIT 13 - Baffinland Iron Mines Corporation, Electronic Copy, Commitments List from the Public Hearing (Updated March 12, 2025) (English) EXHIBIT 14 - Baffinland Iron Mines Corporation, Electronic Copy, Water Licence Renewal Framework Draft for Discussion (Updated March 12, 2025) (English) Updated March 12, 2025) (English)
2 Northern Affairs, Environment and Climate 3 Change Canada, and Department of Fisheries 4 and Oceans by Community Representatives. 5 6 March 12, 2025 Afternoon Session 342 7 Discussion 347 8 Submissions by Baffinland Iron Mines 349 9 Corporation 10 Questions for Qikiqtani Inuit Association by 356 11 Baffinland Iron Mines Corporation 12 Polling of Intervenors 358 13 Submissions by Environment and Climate Change 365 14 Canada 15 Submissions by Department of Fisheries and 366 16 Oceans 17 Submissions by Crown-Indigenous Relations and 367 18 Northern Affairs 19 Closing by Qikiqtani Inuit Association 369 20 Closing by Crown-Indigenous Relations and 380 21 Northern Affairs, Department of Fisheries and 22 Oceans, and Environment and Climate Change 23 Canada	Description Bage EXHIBIT 12 - Baffinland Iron Mines Corporation, Electronic Copy, Disposition Table for the Water Licence Renewal for Type A Water Licence 2AM-MRY1325, Mary River Project, February 27, 2025 (Updated March 12, 2025) (English) EXHIBIT 13 - Baffinland Iron Mines Corporation, Electronic Copy, Commitments List from the Public Hearing (Updated March 12, 2025) (English) EXHIBIT 14 - Baffinland Iron Mines Corporation, Electronic Copy, Water Licence Renewal Framework Draft for Discussion (Updated March 12, 2025) (English) Updated March 12, 2025) (English)

	282		283
1	Proceedings taken at Pond Inlet Community Hall,	1	PROPONENT
2	Pond Inlet, Nunavut	2	BAFFINLAND IRON MINES CORPORATION
3		3	M. Lord-Hoyle Vice President,
4	March 12, 2025 Morning Session	4	Sustainable Development
5	,	5	and Health, Safety,
6	NUNAVUT WATER BOARD	6	Environment
7	L. Toomasie Chair of Hearing	7	L. Kamermans Senior Director,
8	U. Pukiqnak Panel Member	8	Sustainable Development
9	E. Baddaloo Panel Member	9	P. Quassa Special Advisor
10		10	J. Tigullarag Head of Northern Affairs
11	NUNAVUT WATER BOARD STAFF	11	E. Luther Senior Manager,
12	S. Autut Executive Director	12	Regulatory Affairs
13	K. Kharatyan Director of Technical	13	M. Schauerte Stantec, Technical
14	Services	14	Advisor
15	B. Kogvik Director of Board	15	C. Sangoya Pond Inlet, Inuit
16	Administration and	16	Knowledge-Holder
17	Communications	17	P. Enooagok Pond Inlet, Inuit
18	A. Jan Technical Advisor	18	Knowledge-Holder
19	R. Hunter Licencing Administrator	19	C. Kowbell Legal Counsel
20	T. Meadows Legal Counsel	20	Ç
21		21	(Via Remote Video)
22	(Via Remote Video)	22	W. Bowden Environment Manager
23	Z. Bliss Meadows Law, Observer	23	S. Borcsok Approvals Manager
24		24	T. Swenson Environment
25		25	Superintendent
26		26	K. Kuchapski Minnow Technical Advisor
	284		285
1	INTERVENORS	1	ENVIRONMENT AND CLIMATE CHANGE CANADA
2	QUKIQTANI INUIT ASSOCIATION	2	E. Walker Manager, Environmental
3	A. Kubeisinova Manager, Regulatory	3	Assessment Group
4	Review	4	S. Forte Water Quality Analyst
5	J. Ottenhof Director, Qikiqtani	5	
6	Nunalirijikkut	6	(Via Remote Video)
7	A. MacDonald The Firelight Group	7	R. Nissen Air Quality Analyst
8	R. Nesbitt Hutchinson Environmental	8	R. Ejeckam Mining Expert
9	Sciences Ltd.	9	J. Kassar Environmental Assessment
10	J. Cavallo LGL Limited	10	Officer
11	C. Shefman Legal Counsel	11	J. Hollman Environmental Assessment
12		12	Officer
13	(Via Remote Video)	13	
14	K. Scott The Firelight Group	14	FISHERIES AND OCEANS CANADA
15	J. Carman LGL Limited	15	P. Harper Senior Biologist
	M. Kay LGL Limited	16	N. Wasilik Regulatory Review
16		17	Biologist
16 17		1	
17 18	CROWN-INDIGENOUS RELATIONS AND NORTHERN AFFAIRS	18	-
17 18 19	CROWN-INDIGENOUS RELATIONS AND NORTHERN AFFAIRS A. Keim Manager, Water Resources	1	(Via Remote Video)
17 18		18	(Via Remote Video) C. Kovachik Regulatory Review
17 18 19	A. Keim Manager, Water Resources	18 19	,
17 18 19 20	A. Keim Manager, Water Resources L. Perrin Water Management	18 19 20	C. Kovachik Regulatory Review
17 18 19 20 21	A. Keim Manager, Water Resources L. Perrin Water Management Specialist	18 19 20 21	C. Kovachik Regulatory Review
17 18 19 20 21 22	A. Keim Manager, Water Resources L. Perrin Water Management Specialist	18 19 20 21 22	C. Kovachik Regulatory Review Biologist
17 18 19 20 21 22 23	A. Keim Manager, Water Resources L. Perrin Water Management Specialist J. McHattie Legal Counsel	18 19 20 21 22 23	C. Kovachik Regulatory Review Biologist HAMLET OF ARCTIC BAY

	286		207
			287
1	HAMLET OF HALL BEACH	1	(PROCEEDINGS COMMENCED AT 9:11 AM EDT)
2	A. Qammaniq Community Representative	2	Opening Remarks by The Chair
3	J. Kaernerk Community Representative	3	THE CHAIR: We'll start, reconvene
4	HAMLET OF ICLOOKIK	4	from yesterday's sitting.
5	HAMLET OF IGLOOLIK	5	Good morning. Before we start, I would
6 7	A. Attagutalukutuk Community Representative L. Idlout Community Representative	6	like to have an opening prayer. Uriash will do
8	N. Piugattuk Community Representative	7	opening prayer. (OPENING PRAYER)
9	N. Flugation Community Representative	8 9	,
10	HAMLET OF POND INLET	10	THE CHAIR: Before we go on to our agenda, I'd like to have a housekeeping touched
11	J. Katsak Community Representative	11	on. Teresa will do some a little bit of
12	B. Merkosak Community Representative	12	housekeeping.
13	B. Merkedak Community Representative	13	Thank you.
14	INTERPRETORS/TRANSLATORS	14	T. MEADOWS: Thank you, Mr. Chair.
15	R. Katsak Inuktitut Language	15	Teresa Meadows, legal counsel for the Nunavut
16	Translator	16	Water Board.
17	T. Arnakallak Inuktitut Language	17	So welcome back, everyone. I know that it
18	Translator	18	was a long night for some of you and a short
19		19	morning. So today we will continue on with the
20	J. King, CSR(A) Official Court Reporter	20	technical meeting with the presentations by the
21	C. Coomber Sound Technician	21	Federal family. We recognize that their
22		22	presentations yesterday were a short
23		23	abbreviated form of what they what their
24		24	comment submissions were, and all the parties
25		25	here did not have an opportunity to ask them
26		26	questions, so we will start with presentations
	288		289
1	by Crown-Indigenous Relations and Northern	1	correct. Oh, I had a less than 50 percent
2	Affairs Canada followed by Environment and	2	chance of being correct, then. Channel 3 is
3	Climate Change Canada and Fisheries and Oceans	3	English. Channel 2 is
4	Canada.	4	C. COOMBER: Sorry. I'll jump on here
5	After each presentation, there will be an	5	quickly.
6	opportunity for the parties here and the public	6	T. MEADOWS: Okay. Thank you, Chris.
7	to ask any additional questions that they may	7	C. COOMBER: For the portable
8	have, and then we will move on to as you	8	receivers that the audience have, Channel 1 is
9	heard yesterday, there are three additional	9	floor, no interpretation. Channel 2 is
10	documents that Baffinland is proposing to file	10	English. Channel 3 is Inuktitut.
11	that will include commitments, updates to the	11	For everyone sitting at the hearing tables,
12	draft water licence framework that was provided	12	the microphone bases, Channel 1 is English.
13	earlier for parties to comment on, and	13	Channel 2 is Inuktitut.
14	additional updates with respect to resolution	14	T. MEADOWS: Okay. I had no chance of
15	of matters. And so we will reconvene to have	15	getting it right, just so you know. Thank you,
16	discussions of those documents and the	16	Chris.
17	commitments that have come out of this meeting,	17	If you are having any trouble with your
18	and then final closing statements from all the	18	headset, in all seriousness, please ask Chris.
19	parties and a discussion of the close of the	19	Do not ask me. Obviously I don't know.
20	hearing and potentially close of the hearing	20	In addition, we have fresh coffee and tea
21	public record.	21	and snacks thank you and please help
22	For those of you who were not here	22	yourself.
23	yesterday, there is interpretation equipment at	23	And as yesterday, we do have a court
24	the front table. I believe Channel 1 is	24	reporter with us who is recording all of the
25 26	English no, back to Channel 2. Channel 2 is	25	submissions throughout the day, and to really
. /h	English. I had a 50 percent chance of being	26	help her out, please state your name before you

290 291

speak and please, for the interpreters -- I just realized as I was doing that, that I am the worst offender, but please speak clearly and slowly so that we can ensure we have an accurate record of the public hearing and that our fine interpreters are able to make sure we are all heard and understood in the language of our choice.

So without further ado, if I can recall Crown-Indigenous Relations and Northern Affairs up to the front, please proceed with your presentation. I remind them that we have sworn them in already, so they do not need to be sworn in again.

Thank you, Mr. Chair.

THE CHAIR: Thank you, Teresa. So
we'll start with the Intervenors' presentation,
so CIRNA we'll start with this morning, and the
next one will be ECCC, and the last one, DFO.
Just we'll handle these Intervenors'
presentation just like the way we did last
night.

23 ANDREW KEIM, LAUREN PERRIN, Previously Sworn

24 THE CHAIR: Go ahead. Proceed.

25 Presentation by Crown-Indigenous Relations and

26 Northern Affairs

L. PERRIN: Thank you, Mr. Chair.
Good morning. My name is Lauren Perrin.
I'm the water management specialist. With me today, I have Andrew Keim, manager of the water resources division, and Joseph McHattie, legal counsel. As well online, we have Joseph -- not -- Jonathan Croston, technical expert from AtkinsRéalis.

This presentation will cover our roles and responsibilities, technical review comments, security management agreement, and our conclusion.

Crown-Indigenous Relations and Northern Affairs Canada responsibilities, mandate, and obligations are in align with the following: Crown Indigenous Relations and Northern Affairs Act, Nunavut Agreement, Nunavut Land Claims Agreement Act, Nunavut Waters and Nunavut Surface Rights Tribunal Act and the associated regulations, Nunavut Planning and Project Assessment Act, Territorial Lands Act and associated regulations, and finally, Arctic Water Pollutions Prevention Act.

Crown-Indigenous Relations and Northern Affairs Canada and Baffinland have worked very hard together over the last months meeting

regularly in order to come to a mutual agreement on our outstanding technical comments. This presentation was provided to the Board before we were able to get through all of our technical comments; therefore, these numbers are updated since.

Originally, there was 37 technical comments submitted to the Board. 19 were considered resolved, 18 were resolved with commitments, and we had 4 outstanding concerns. These four outstanding concerns have since been resolved through commitments made by Baffinland. These next couple slides will outline these four outstanding concerns.

Technical Comment R-4 related to dustfall monitoring. Dustfall, as a pathway of potential effects, requires improved management planning, monitoring, and reporting. Baffinland has committed to conducting a dustfall review of the following in the 2025 QIA NWB annual report for operations, which would be submitted on March 31, 2026.

The outcomes of the dustfall data review will be integrated into relevant management plans, and any updates to the plan would be completed within six months of publication of

the dustfall data review or an alternative date mutually agreed upon between Baffinland and CIRNAC. CIRNAC now considers this resolved through commitment.

Technical Comment R-8 relates to mineral waste. CIRNAC recommended the waste management plan include how soils, sediments, or construction materials would be collected, contained, recorded during work, and disposed of. Baffinland has committed to update the ICRP to include soil or sediments containing site-related contaminants that pose a risk to human health and/or the environment.

A contaminant is defined as any substance that when introduced into the air, water, soil, or sediment exceeds an agreed-upon land-use or other criteria developed as part of the closure planning process and anything that has the potential to cause adverse effects to human health, the environment, or ecological systems. CIRNAC considers this comment to be resolved through commitment.

Technical Comment R-11 relates to climate change predictions. Crown-Indigenous Relations and Northern Affairs Canada recommends that Baffinland investigate the more recent climate

change predictions and evaluate the long-term thermal stability of the permafrost in the waste rock pile. This included investigating the sources of the inconsistencies in the thermal data and implementing the results in the thermal model, as well, include intermediate and worst-case scenario with temperature projections for the thermal model of the waste rock facility.

Baffinland has committed to include multiple climate change projections, including SSP-1, SSP-2, and SSP-5 into their next update of the thermal model planned for 2026. This is also outlined in the interim closure and reclamation plan, Revision 6. CIRNAC now considers this comment to be resolved through commitment.

Technical Comment R-16 related to water quality monitoring. CIRNAC recommended that Baffinland provide a comparison between predicted and measured water quality data and evaluate if additional mitigation measures are required. As well, provide an update on the geochemical modelling and pit water quality predictions.

Baffinland has committed to undertaking a

pit water quality model in 2025. This model will include the following: An operational pit water quality prediction for the next five years, a water quality prediction for early closure scenario at the end of these five years, which will consider three different climate change scenarios for a hundred-year period.

Additionally, in this model exercise, water quality predictions for early closure scenarios will be compared against closure objectives and criteria. This is outlined in Table 5.1 of Baffinland's interim and closure and reclamation plan, Revision 6. The five-year operational water quality predictions will be evaluated against the FEIS predictions and the Type A water licence discharge criteria. CIRNAC considers this comment to be resolved through commitment.

This table is a list of all of our comments identifying the resolved, the resolved through commitment, and the unresolved. Since this presentation was submitted to the Board, the unresolveds are now all under the resolved through commitment.

In regards to the security management

agreement, CIRNAC is committed to working with

- Baffinland and the QIA towards a signed SMA
- 3 that would be completed in time for the
- 4 Minister to review with the licence. In
- 5 conclusion, Crown-Indigenous Relations and
 - Northern Affairs continues to work with all
- 7 parties throughout this application process
- review with the aim of protecting Nunavut'sinland water resources while promoting
- 10 sustainable development.

11 Thank you very much.

THE CHAIR: Thank you, CIRNAC.

We'll continue with our other departments first and then question -- questioning will take place to either one of the three departments.

So ECCC is next.

EVA WALKER, SARAH FORTE, Previously Affirmed

19 Presentation by Environment and Climate Change

20 Canada

21 THE CHAIR: You may proceed.

22 E. WALKER: Good morning, Mr. Chair.

23 My name is Eva Walker, and I am the unit head

with Environment and Climate Change Canada,

25 environmental assessment group for the

26 Northwest Territories and Nunavut. With me, I

1 have Sarah Forte, water quality analyst.

2 Sorry. On the phone line supporting us, I have

3 Reg Ejeckam, our mining officer; Robert Nissen,

water quality -- or, sorry, air quality

5 analyst; Jordan Hollman and Jessica Kassar,

both environmental assessment officers with

Environment and Climate Change Canada.

I will start the presentation by presenting the department's mandate, briefly touch on Acts and legislation relevant to Environment and Climate Change Canada, and then I'll pass the presentation to Sarah to outline the majority of the comments and recommendations provided in Environment and Climate Change Canada's final intervention for Baffinland's application for

Type A water licence renewal.

Environment and Climate Change Canada's mandate includes the preservation and enhancement of water quality in the natural environment, including water, air, and soil quality, and the coordination of the relevant policies and programs of the Government of Canada. It also includes renewable resources such as migratory birds and other non-domestic

25 flora and fauna, meteorology, and the

enforcement of rules and regulations related to

our mandate.

Environment and Climate Change Canada's mandate is governed by the Department of the Environment Act, the Canadian Environmental Protection Act, the Fisheries Act, pollution provision provision -- Pollution Prevention Provisions, Migratory Birds Convention Act, and the Species at Risk Act.

I'll now pass the presentation on to Sarah for the discussion of our comments.

S. FORTE: Thank you, Eva. Sarah Forte with Environment and Climate Change Canada.

So surface runoff management at the mine site is difficult. Each year, spills of sediment-laden water are reported at spring melt. Baffinland has been working to improve the situation for several years.

Environment and Climate Change Canada's original comment during the technical review requested updates on the 2021 mine site water management plan. Baffinland provided the information requested with the last piece being a report following up on Spill Number 2024-151. We met with them in January to discuss the report and their plans to improve quality of

managed surface runoff.

Environment and Climate Change Canada's recommendation is for Baffinland to implement the measures proposed in their follow-up report on Spill Number 2024-151. Until it can be fully implemented, seepage from Kilometre 105 Pond should be returned to the pond to be discharged through final discharge point MS-11.

Baffinland have committed to comply with the Metal and Diamond Mining Effluent Regulations in their response to final written submissions. Environment and Climate Change Canada considers this comment resolved because sediment in water is one of the contaminants captured by the regulations.

Comment Number 2 is on incorporating plans and programs related to water management into a renewed water licence. It has two parts discussed on separate slides.

The first part is the Tote Road monitoring program that describes water monitoring at 20 streams that the road crosses. Eight of those streams are fish-bearing.

The program also includes an action response framework describing what actions should be taken to reduce suspended sediment

load if monitoring results are above a trigger value. Annual reporting requirements are also described in the plan.

Since the elements of the -- of the program contributes to water management for the Mary River Project, the program should be integrated into a renewed water licence. During a meeting with Baffinland on January 24th, Environment and Climate Change Canada had understood that Baffinland would append the program to the surface water aquatic ecosystem management plan; however, in their final submission, Baffinland commits to incorporating details from the program, rather than the entire program.

Through further discussions, Environment and Climate Change Canada has understood Baffinland does not want to incorporate the monitoring program into the plan -- into a plan under the water licence because of our disagreement on Comment Number 3.

In their presentation yesterday, Baffinland included the Tote Road monitoring program in the list of freshwater monitoring programs, and Environment and Climate Change Canada agrees that it is an important component of freshwater

monitoring. We will discuss Comment Number 3 where there's not alignment in two -- two slides further, but for this part of Comment Number 2, Environment and Climate Change Canada recommends that the Tote Road monitoring program be added to the surface water aquatic ecosystem management plan.

The second part of Comment Number 2 is similar to the first, only the plan in question is the snow management plan.

The snow management plan also contains elements relevant to water management on site and should be incorporated in a plan covered by renewed water licence.

Baffinland has provided the details from this plan that they will incorporate into the surface water ecosystem management plan within six months of licence issuance. This includes the snow stockpile monitoring station locations, frequency, and sampling parameters, as well as the snow stockpile inspection and snow management audit forms. Environment and Climate Change Canada considers this part of the comment resolved.

This third comment is related to the Tote Road monitoring program, and as I mentioned

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earlier, it's connected with Comment Number 2.

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overly onerous.

The program defines project-related changes to total suspended sediment in streams. It uses project-related change as a criterion to trigger management actions to reduce sediment entering the streams.

Currently, project-related changes are defined as twice the Canadian Council of Ministers of the Environment Guideline. The guideline states that during periods of high flow, total suspended solids should not increase by more than 25 milligrams per litre above background levels when background concentrations are below 250 milligrams per litre. If background concentrations are above 250 milligrams per litre, then the increase should not be greater than 10 percent of background.

Baffinland is proposing cutoffs of 50 milligrams per litre and 20 percent instead.

Baffinland include some of the Tote Road monitoring data in their annual report. We looked at the data we were able to find, and this included the 2023 monitoring data for all 20 crossings and data from 2015 to 2023 for the eight fish-bearing crossings. To date,

Baffinland have not been able to provide us with more data.

The data available has been helpful in evaluating the arguments Baffinland made to support the elevated total suspended solids trigger level they propose. Environment and Climate Change Canada's three counterarguments are listed on this slide.

So for the first, Baffinland states that the creek and river systems are naturally accustomed to high suspended sediment loads above 250 milligrams per litre, so they are unlikely to negatively affect aquatic biota. However, high concentrations of total suspended sediment may stress aquatic organisms even if they are naturally occurring. Increasing the frequency, duration, or concentration of high total suspended sediment events can cause negative effects to aquatic organisms.

In the data available, there is one instance of a background sample over 250 milligrams per litre in 261 sample pairs, and this includes 138 sample pairs that were taken during freshet, so the data available does not support Baffinland's argument.

The second argument made was regarding the

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actions for a greater number of events. The data available indicate that when there are project-related increases in total suspended sediments, the values are often much higher than background. With the current 50 milligrams-per-litre cutoff, management actions were triggered by 3 of the 261 sampling events I mentioned earlier. If the Canadian Council of Ministers of the Environment Guideline of 25 milligrams per litre was used as a trigger, there would have been five events

triggering management actions, instead of

three. This operational burden does not appear

operational burden of triggering management

The final argument Baffinland presented was the Tote Road monitoring programs in water licences for other mines in Nunavut did not include numerical cutoffs for triggering management actions. As written on the slide, ongoing sedimentation issues on this project and the Tote Road make it relevant for the licence to include specific measures.

The change in total suspended sediment concentrations we are discussing is a trigger to management actions. It is measured in the receiving environment and takes into account any naturally occurring high-sediment loads because it is the difference between upstream and downstream concentrations.

Environment and Climate Change Canada's recommendation for Number 2 was to add the Tote Road monitoring program to the surface water aquatic ecosystem management plan.

For Comment Number 3, we recommend that when it is added, the definition of project-related change in total suspended solid concentrations follow the Canadian Council of Ministers of the Environment Guideline that is shown on this slide.

The interim closure and reclamation program -- research program acknowledges the need for more detailed knowledge on permafrost conditions and how they will change with pit development. Tasks are proposed to reduce the uncertainty with regards to permafrost. Hydrogeology is not discussed, and even if it was not going to be an issue during operations, interactions with groundwater could become problematic long term post-closure.

Environment and Climate Change Canada recommended that a hydrogeology component be

added to the permafrost studies described in the interim closure and reclamation plan.

Baffinland has provided a commitment to update the interim closure and reclamation plan that addresses our concerns. It was sent to the Nunavut Water Board staff yesterday morning via email, and so this comment we consider resolved.

Environment and Climate Change Canada has reviewed two draft water licence frameworks that were provided by Baffinland. These are the December 18th and February 27th versions.

The second version resolved Environment and Climate Change Canada's concerns, which are numbered -- and these numbers were given by Baffinland -- 5-2, 5-5, and 5-10.

A further comment was resolved yesterday morning with alternate wording provided by Baffinland. The new proposed wording for Comment Number 5-6 was sent to Board staff by Baffinland via email yesterday morning. That comment is about water use from containment ponds for dust suppression, if water meets discharge criteria for those ponds with the exception of total suspended sediment.

Environment and Climate Change Canada

commented that the use should be restricted to areas where the water would not enter the aquatic receiving environment.

Baffinland's response indicated that their Metal and Diamond Mining Effluent Regulations emergency response plan allowed them to use recycled water, provided that the effluent quality meets discharge criteria for deleterious substances, with the exception of total suspended sediment.

Environment and Climate Change Canada would like to highlight that in the reference plan, the use of restricted -- of recycled water is restricted to areas that ultimately report to a Metal and Diamond Mining Effluent Regulations facility.

The remaining seven comments on the proposed changes to the water licence are still there, and our final submission outlines them for the Board's consideration.

E. WALKER: That concludes -- sorry,Eva Walker, Environment and Climate ChangeCanada. That concludes our presentation for

today. Thank you.

THE CHAIR: Thank you, ECCC, for yourpresentation.

So next presenter is one of the Federal departments, is it? DFO?

3 PAUL HARPER, NICHOLAS WASILIK, Previously

Affirmed

5 Presentation by Department of Fisheries and

6 Oceans

P. HARPER: Good morning. Thank you, Mr. Chair. Paul Harper, Fisheries and Oceans.

So I'm a senior biologist with Fisheries and Oceans, the fish and fish habitat protection bio -- or program, and I'm with Nick here, who is a biologist also in the same program. We're both based out of Yellowknife. I'll be presenting on the two comments that Fisheries and Oceans had regarding the water licence renewal.

So the Federal Fisheries Act provides a legal basis for conserving and protecting fish and fish habitat. The fish and fish habitat provisions of the Fisheries Act include a prohibition against causing the death of fish by means other than fishing; a prohibition against harmfully altering, disrupting, or destroying fish habitat; and fish habitat includes places where fish live, eat, and reproduce. It includes a framework for the

Minister to make decisions around the Fisheries Act, and it includes powers to ensure the free passage of fish and the protection of fish and fish habitat with the respect of existing obstructions such as culverts.

So Fisheries and Oceans is in ongoing regulatory processes with Baffinland, including Fisheries Act authorization process for Steensby and actions regarding the existing crossings on the Tote Road.

So with those other actions that DFO is involved in, we have considered all of our comments resolved with the commitments that were made during the technical meeting.

For Comment 1, Fisheries and Oceans had requested a table of watercourse crossings, and we had requested this table be added to the surface water and aquatic ecosystem management plan.

So Baffinland has proposed to update the table, and DFO considers this resolved with the commitment that the plan will be updated within six months of the water licence issuance.

As we just heard from Environment Canada and Climate Change, ECCC, sediment and erosion concerns have been identified as a concern. As

Fisheries and Oceans has ongoing actions related to sediment and erosion concerns for the process of the water licence renewal, we are satisfied with the commitment to an erosion and sediment control awareness training program, and Baffinland has committed to providing this training and having the program in place for Q2 for the second quarter of 2025, so DS -- DFO is satisfied with this commitment.

And with that, Fisheries and Oceans considers all of the commitments resolved, and we continue to work with Baffinland to ensure that fish and fish habitat is protected on the project.

Thank you.

THE CHAIR: Thank you, DFO, for your presentation.

I think we should take a 15-minute break before we go on to questioning. We'll start with Applicant, start questioning with either one of the three departments.

22 (ADJOURNMENT)

23 THE CHAIR: I'm sorry. I have to do

the gavel or nobody would hear me. Okay.

Thank you for getting back to your seat fromthe break.

Now we are right to questioning the Federal departments, three departments, that had intervention this morning. So I want to start with the Applicant. If you have any questions to either three departments, you may do so. Thank you.

Questions for Nunavut Water Board by CommunityRepresentatives

9 THE CHAIR: Did you want to say 10 something, Caleb?

CALEB SANGOYA: Yes, for the Water Board.

There's some areas especially at Milne Inlet that have not been studied. The water that comes just before the Mary River site around the building sites, there's a river from a long time ago. The river has been there for even before we were born. It's very horrible water. It's good water, but it causes diarrhea to the children, and the skin is affected to the children, and we don't know if there have been studies regarding that water. It would be good to find out.

We know that people that have gone there -maybe people don't know that have gone by there, and some of the -- part of the river from the side, it's called Sanikisuag

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[phonetic]. It's the river that goes -- comes from the side to the river going down, so all of the Traditional Knowledges and changes to the environment and changes to rivers and stuff, I'm wondering if the Water Board or perhaps Baffinland or others would be able to produce studies regarding that particular water source.

In 1985, the water was tested in Auyuittuk [phonetic], in that big lake, and there's some -- there's some crystals there as well, and it may be -- in 1935 there was crystals that were stuck, so some Knowledges are never written in reports.

Thank you.

THE CHAIR: Teresa, maybe, Karén, if you could answer to Caleb, Teresa or Karén?
T. MEADOWS: Teresa Meadows, legal counsel for the Nunavut Water Board.

So with respect to issues on watercourses for drinking water, so establishing whether or not a particular watercourse meets drinking water standards, that is not the Nunavut Water Board's jurisdiction. The Government of Nunavut Department of Health deals with whether or not a particular water source has good

quality drinking water that is safe for people to drink, and the Water Board doesn't do independent studies of watercourses, but what we can do is see whether or not the Government of Nunavut -- if we can talk to you afterwards about what water source it is, so if you can give us the name, write it out for us, we can follow up with the Government of Nunavut and see whether or not there have been any studies on that water body; and maybe if I can look to any of the Inuit Qaujimanitugangit experts that are in the room here, whether or not they have any information about that watercourse or know what the Inuit say about that watercourse and what might be the source of the problems on that watercourse or that sort of thing. I'll stop there and leave it to the experts.

Thank you, Mr. Chair.

THE CHAIR: Thank you.

When you have time, we'll give you time. We're going to let the Applicant respond to or have questions to the presenters that just came. The general public will have an opportunity to speak once these -- have the people -- everybody that is here will have that opportunity, but first we'll get the Applicant,

that either three departments, Federal departments from their intervention. Thank you.

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You may start. Thank you. Questions for Environment and Climate Change Canada by Baffinland Iron Mines Corporation L. KAMERMANS: Lou Kamermans. Baffinland. Thank you, Mr. Chair, and thanks to all the Government of Canada departments that just presented.

We just have one, you know, item we'd like to explore with Environment and Climate Change Canada in response to Technical Comment 3. It's the one unresolved issue that remains between our two groups.

Morgan here will provide a technical background, but first I just wanted to address the issue at a higher level and, you know, just in terms of management and the use of our resources at site.

What we're talking about is potentially setting a threshold level in one of our management plans, specifically the surface water aquatic environment management plan, looking at total suspended solids in waters around the Tote Road. We typically look

upstream and downstream to try to determine if there's a potential project effect occurring by seeing if there's a difference between those two points.

What we've found in practice is it's a highly variable environment. It's -- and there's a high potential for natural sedimentation even in that small area, and Morgan will talk more on -- on some of the issues with the criteria level; but from a practical perspective, if we set ourselves up where our approach to adaptive management and, you know, the thresholds we set is too low, and it's so low that it can't really distinguish between a project effect and -- and just background noise, then, you know, it has us acting over and over and over again throughout the year responding to exceedances that there -- there's -- we have a pretty high confidence are not project-related and -- and would have us coming to that conclusion, and that kind of -- that affects the integrity of our approach to adaptive management.

It needs to be set at a point that -- that is, you know, conscientious, we're aware of the risk, but not so low that it's always being

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1 triggered that it doesn't really mean anything.

So I'll have Morgan speak more to this and

perhaps more plainly, but from a management 3

perspective, that's really what's driving our

5 concern, is that we would just be conducting

investigations over and over again of something

7 that we don't have the data or the

8 understanding that -- to say it is a project 9

effect.

M. SCHAUERTE: Morgan Schauerte, Stantec on behalf of Baffinland. Thank you, Mr. Chair.

To build off Lou's point, based on operate -- observations at site within the 50-metre upstream and 100-metre downstream measurement locations, rain events, especially in the very unique environment along the Tote Road, can result in channelized flow that is highly variable between rain events and can result in different pathways upstream and downstream that can introduce natural erosional effects into monitored parameters like TSS that are not necessarily accounted for in the

proposed criteria by ECCC -- Environment and

Climate Change Canada. To build off Lou's point, the proposed limits could result in natural effects being repeatedly picked up in a manner that is not protective of -- sorry, I'm trying to -- in a manner that isn't representative of site impacts.

The existing surface water aquatic environmental program and adaptive management plan do account for this variability and provide pathways for investigations and studies as required if project-based impacts are observed along the Tote Road.

Thank vou.

THE CHAIR: Applicant, do you still have further comments or questions to one of

14 the three Federal departments?

15 T. MEADOWS: Mr. Chair?

> THE CHAIR: Go ahead, Teresa.

17 T. MEADOWS: Thank you, Mr. Chair.

18 Teresa Meadows, legal counsel for the Nunavut

19 Water Board. So perhaps Environment and

20 Climate Change Canada may have a comment.

21 THE CHAIR: Yes. Yeah, I forgot

22 about that. Sorry. ECCC.

> S. FORTE: Sarah Forte with

24 Environment and Climate Change Canada.

> Thank you for your clarifications. I didn't perceive a question in that. It was

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1 more of a comment. I think -- yeah, I'm still 2 not in agreement. I think I had the impression 3

you were trying to suggest in the -- the

150-metre stream spread upstream and downstream

of the culvert, there were likely other sources so that the measurement downstream was integrating a signal not only from the culvert but from other things.

I haven't seen that in the data that I analyzed, and so I think it's -- yeah, it's -it's not -- the data doesn't demonstrate that, and there's, like I mentioned, 261 pairs of data collected over eight years, and, yeah, so

14 I -- yes. I still disagree. Yeah. 15 THE CHAIR: Thank you.

16 Applicant?

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M. SCHAUERTE: Morgan Schauerte, Stantec on behalf of Baffinland. Thank you, Mr. Chair.

19 Thank you, Sarah, for your response.

> While we understand that there's a disagreement on the criteria, we think given this disagreement and the fact that the -- the Tote Road management plan, as is currently developed, is not part of the water licence plans as listed but was developed as part of the environmental management process with the

Qikiqtani Inuit Association, it is our opinion that more data needs to be gathered and agreement on criteria needs to be reached given these complexities, if and when the Tote Road plan is ever appended to the -- to the surface water aquatic environment program.

Thank you, Mr. Chair. I'm going to pass to my colleague.

L. KAMERMANS: Lou Kamermans, Baffinland. Thanks, Morgan, and thanks, Sarah.

Yeah, just to really simply build off of what Morgan suggested, which is I think there is an avenue for us to continue exploring this, and that's through an update to the surface water aquatic effects monitoring program. I think what we're saying is we can't commit to including specific criteria at this point, but we will look at the data available to us, and this is something we can consider in future updates to the surface water aquatic effects management plan. We just -- we don't want to get ahead of ourselves. We want to make sure that if we're going to insert a criteria into a water licence regulated plan, it's the right criteria, and it achieves both of our intentions.

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So that would be our suggested path forward, and that means just not agreeing on a criteria now but exploring this through that process that's already set up under the water licence, which is to continually review, update plans, submit them to the Water Board for public review, and -- and to have the Water Board approve that plan.

Thank you.

THE CHAIR: Thank you.

Do you have a response for that?

S. FORTE: Yeah, like,

Environment -- oh, sorry, Sarah Forte with

Environment and Climate Change Canada. Environment and Climate Change Canada will

be happy to, you know, if we have the capacity, review those plans when you update them, but for this water licence, we would recommend that

it -- it be appended with the CCM -- using the CCME guideline as a trigger because though

if -- if in the future you present data that

22 suggests that that guideline is not appropriate

23 for site for various reasons, we can evaluate

24 that, but until such time, that's the -- the

25 guideline that is -- seems relevant to us at 26

this point.

L. KAMERMANS: Lou Kamermans, Baffinland. Thank you, Mr. Chair. Thanks, Sarah.

We will provide some -- an update in our disposition table when we submit that to the Board but also for the record want to reiterate we -- we do have concerns with integrating a criteria at this point before it's been verified and supported, and -- and we specifically don't support the Canadian Council Ministers of the Environment criteria that's being suggested, but we'll provide more details in -- in our submission.

Thanks.

THE CHAIR: Thank you.

Okay. Do you have any other questions to one of -- either of the Federal departments? L. KAMERMANS: Lou Kamermans. Baffinland.

No further questions for any of the Government of Canada presenters.

Thank you.

23 Discussion

24 THE CHAIR: Okay. Thank you. 25

I want to ask the Inuit -- Qikiqtani Inuit

Association if you have questions to either

322 1 three Federal departments interventions? 1 Andrew Keim on behalf of the Federal family, 2 Please come forward. 2 Nakugmik. 3 J. OTTENHOF: 3 T. MEADOWS: Thank you, Mr. Chair. Thank you, Mr. Chair. 4 Jared Ottenhof for the Qikiqtani Inuit 4 So maybe over to the Board staff. 5 5 Association. S. AUTUT: Thank you, Mr. Chair. 6 6 Stephanie Autut, Nunavut Water Board. We have no questions at this time. Thank 7 7 I am going to ask Teresa to take the mic. you. 8 8 She has questions for the Federal government. THE CHAIR: Thank you. 9 9 THE CHAIR: Thank you. I want to ask the three -- either three 10 Now (OTHER LANGUAGE SPOKEN). Oh, you have 10 Federal departments if you have questions among 11 one. Okay. Sorry. Teresa. 11 your departments, one of the departments? 12 12 Questions for Crown-Indigenous Relations and Sorry. I did -- kind of mixed up this morning. 13 I tried the idea we were going through last 13 Northern Affairs by Nunavut Water Board Staff 14 14 T. MEADOWS: Thank you, Mr. Chair. night, so I took the page out of my agenda. 15 That's my mistake. That's okay. Maybe Teresa 15 Teresa Meadows, legal counsel for the Nunavut 16 got me a bit here. 16 Water Board. 17 17 So, Mr. Chair, I just have a question for Thank you. 18 T. MEADOWS: Do any of the Federal 18 Crown-Indigenous Relations and Northern Affairs 19 Canada with respect to the annual -- the 19 family have questions for any of their other 20 20 colleagues? security management agreement and the annual 21 THE CHAIR: Just come forward to the 21 security review provisions that are under the 22 22 existing part of Part C and Schedule C of the microphone for the record, please. 23 23 licence. I'm just trying to get clear sort of T. MEADOWS: Yeah, please state that 24 on the record. It's different than me seeing 24 the timing of events. 25 25 you have no questions. So it's my understanding that it's 26 A. KEIM: 26 contemplated that the Qikiqtani Inuit Thank you, Mr. Chair. 324 325 my questions to the Federal family. 1 Association, the Applicant, and 1 2 Crown-Indigenous Relations and Northern Affairs 2 THE CHAIR: Thank you. 3 Canada are contemplating entering into a 3 Now I'll open up for public. You can 4 security management agreement after this 4 approach the microphone. Someone from the 5 hearing closes but before the Minister's 5 audience had a question. You can approach the 6 decision is rendered, and the question that 6 microphone. 7 raises for the Board is simply confirmation 7 Questions for Crown-Indigenous Relations and 8 that at this hearing and for this application, 8 Northern Affairs, Environment and Climate 9 no changes are contemplated or requested by the 9 Change Canada, and Department of Fisheries and 10 parties to the existing security provisions 10 Oceans by Community Representatives 11 Thank you, Mr. Chair. under Part C and Schedule C of the licence. So 11 LLOYD IDLOUT: 12 that's my understanding, and I'm just seeking 12 Thank you, Water Board. Thank you, 13 confirmation from Crown-Indigenous Relations 13 Chairperson. I have questions for the three 14 and Northern Affairs Canada. 14 Federal departments. 15 15 I'm wondering if you -- if you had -- thank A. KEIM: Hi, there. Andrew Keim 16 on behalf of CIRNAC. 16 you for your research and your presentation. 17 CIRNAC believes that all parties working 17 I'm wondering if you guys had -- when you, I 18 guess, envisioned the type that you were together in good faith to finish the SMA, we do 18 19 not expect any changes to Schedule C, and we 19 looking at, I'm wondering if you had people 20 20 from Nunavut or Indigenous Traditional are dedicated to having this done in time for the Minister's signature of the licence. We 21 21 Knowledge-Holders with you while you were at 22 will do our very, very best. 22 the sites? That's my question. 23 THE CHAIR: Thank you. 23 THE CHAIR: Thank you. 24 Teresa. 24 Okay. Stephanie? 25 T. MEADOWS: 25 S. AUTUT: Thank you for the answer, Thank you, Mr. Chair. 26 Mr. Keim, and thank you, Mr. Chair. Those are 26 So I believe you may wish to ask the

326 1 Federal authorities to come to the table and people from Nunavut? Especially for this 1 2 provide a response. 2 hearing, you didn't have anyone? 3 THE CHAIR: 3 THE CHAIR: Yeah. Go ahead. 4 LLOYD IDLOUT: They don't have to, if 4 P. HARPER: Paul Harper. 5 they nod or - it's up -- if you -- it's up to 5 Not specifically for this hearing, no. 6 Go ahead, ECCC. you. 6 THE CHAIR: 7 THE CHAIR: Go ahead. 7 S. FORTE: Sarah Forte with 8 S. AUTUT: Thank you. 8 Environment and Climate Change Canada. 9 Yeah, for the purposes of the accurate 9 Thank you for the question. Environment 10 record, we'll just get them to come to the mic. 10 and Climate Change Canada did not have any 11 people from Nunavut looking at this Thank vou. 11 12 THE CHAIR: 12 application. Our -- the little box we fit in Okay. Go ahead, DFO. 13 P. HARPER: So Paul Harper, Fisheries 13 is looking at it from a scientific perspective, 14 and we rely on the Qikiqtani Inuit Association 14 and Oceans. 15 While the others are conferring, our fish 15 and people like you from the communities to 16 and fish habitat program visited Steensby provide the Indigenous perspective because 16 17 without a representative from Nunavut or that's not our specialty, but I would like to 17 18 Indigenous communities, but our science team 18 say that they are both important and necessary, 19 has come up and does have community programs 19 both perspectives. 20 where they go to sites, and they are working 20 THE CHAIR: Thank you. 21 with the Inuit, so we have a mixed. We do 21 Do you have any more questions? 22 attend sites with folks that are local from the 22 LLOYD IDLOUT: Thank you, Mr. Chair. 23 communities as well as visit without. 23 Like I said yesterday, we still have 24 THE CHAIR: Go ahead. 24 issues. Like, well -- like Caleb said, the 25 25 HTOs are, I guess, Knowledge-Holders look after LLOYD IDLOUT: Thank you, Iksivautaa. 26 So with their request, you didn't have 26 the environment and animals or so on. In 328 329 1 hearings like these, in the future, I guess, 1 technically helped. 2 I -- and especially for now, too, when, I 2 I thank you, QIA, for your -- for your 3 guess, there's going to be global development, 3 help, but I -- I feel that we need our voices 4 Inuit -- or, sorry, Indigenous Knowledge-4 heard more from the impacts of global 5 Holders should be present at any research to 5 development. It seems -- us -- the 6 have -- for the people of Nunavut to be, I 6 Knowledge-Holders sees different views from 7 guess, properly heard. Their voice and 7 scientific findings. It's always hard to try 8 concerns and their -- their knowledge should be 8 and mix the two together, Knowledge-Holders and 9 9 science -- scientific findings. It's always used at hearings like this. 10 It just seems like our Inuit rights are 10 hard and hard to voice our knowledge, our --11 how -- trying to protect our land and just being -- not -- not being used. It seems 11 12 like. I can't prove it. It sure seems like 12 environment from global development is new to 13 us, and we're find it -- we're finding it it. We have -- I'm sure we have restrict --13 14 restrictions in lakes, rivers. I'm not -- like 14 difficult to protect our land, our animals. So 15 15 that being said, I wish for people, I said, we have technical difficulties 16 16 Knowledge-Holders, Traditional Knowledgeaddressing these or getting more information, 17 so I'm suggesting now somehow that Indigenous 17 Holders, Indigenous Knowledge-Holders to be 18 Traditional Knowledge-Holders be used in the 18 part of the hearing.

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Like -- like, we just had a few Elders

talk. Here we are -- here is Baffinland for --

All -- all the communities of Nunavut will be

project. We have fish areas, river -- rivers

impacted. To try and at least reduce the

will -- may be. Like I said, they will be

applying for Nunavut Water Board. Nunavut.

impacted -- may be impacted with Baffinland's

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future or if you have time.

Like, Baffinland mentioned David Ingaurt.

If people can be present like that, Elders. We

have local Elders that had comments, too, but

those Elders should have a technical advisor,

people of Nunavut should be more technically --

too. People of Nunavut, this -- this Nunavut

Water Board hearing, I think -- I feel that

- 1 impacts or eliminate the impacts, Traditional 2 Knowledge-Holders should be well-represented.
- 3 Like, others have technical advisors that we
- 4 don't have yet. We're trying to work on it,
- 5 but we're still learning how to use -- properly 6 use the people that have, I guess, more
- 7 resource than we do, and with that, thank you.
- 8 Thank you for your time. I may have more --9 well, we always have growing concerns,
- 10 questions, and that's all I have to say for 11 right now.

Thank you.

THE CHAIR: Thank you.

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A. KEIM: Thank you, Mr. Chair. On behalf of CIRNAC, while I can't answer the full scope of the question that was just asked, what I can say on behalf of CIRNAC and on behalf of the organization that we represent, we take Inuit Qaujimanitugangit very seriously. We follow the -- the principles.

Two of the three inspectors that go to Baffinland every year are beneficiaries and did all the training that was required for them to go. They work closely with the environmental staff on site with Baffinland who are mostly

been -- not mostly, half beneficiaries, and I know that we work very, very closely with QIA who are there to ensure that Inuit rights and Traditional Knowledge are the lens through which we focus our science, as we say.

So while I can't say that we've -- we're answering every concern that was brought forward in that just now. We are, as a group, doing our very, very best to make sure that the public's concerns are being addressed every time we go up and every -- every time we have these public meetings.

Thank you.

THE CHAIR: Okay. Thank you.

15 From the public, Caleb. 16

CALEB SANGOYA: Caleb. Thank you Mr. Chairman. Caleb Sangoya.

Even though I work for Pond Inlet and the fact that I'm a resident of Pond Inlet, I tend to comment more about issues regarding Baffinland, the government, and to everyone in general, and I think most of these people know who I am. I'm a traditional Inuk, and I live here in this community.

As I mentioned earlier, like, I know, but it's safe to be concerned about DFO staff

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member in 1935, like, you should have results

2 from sampling that was done in 1935, and when 3 you don't have all of the facts, you only

comment about the few things. What about where

5 are the Inuit? They -- these are not people 6

asking [phonetic], but I like the comments that were made by some fellow lnuk, and whenever

people mention any Traditional Knowledge in the agreements and when you make a request, so any

9 10 Traditional Knowledge will not even be

11 considered. It seems like we're just only 12 being rubber-stamped when we're discussing 13

about water issues.

The topic is water issues, and the Mary River area, we want the waters to be pristine and continue to be pristine. That's what we've been working on, and the children of the Federal government, like, so I want them to respond. They forgot, like, the water from the reservoir is drunk. The Inuit have to drink the water from the reservoir, and sometimes you have -- there's a boil-water advisory, and that -- like, the government -- the government's grandchildren who are in town sometimes seem to forget.

Like, if you're going to approve water

usage for Baffinland, then it -- requests of 1

2 the communities should be adhered to, like, the

3 Nunavut Water Board. Like, our water here is 4 worse than the water at the mine site, that

5 there's some lakes identified where people are

6 restricted from drinking the waters. Some 7

other communities have even more worse drinking water, so please do not forget.

Like, when the election time comes, the Federal election comes, please remember. Like, you voters please remember that we're not rubber-stamped, but please ...

Okay. Qujannamiik. I THE CHAIR: think we -- all of us got the message, but we're referring to the water at Mary River. We're not dealing with the water in Pond Inlet. We're talking about Mary River, even though

we're in Pond Inlet. We're referring to the waters at the mine site, not Pond Inlet.

Are there any more comments from the Inuit? Joshua.

22 JOSHUA KATSAK: My name is Joshua Katsak 23 from Pond Inlet. I'm a hunter and also I 24 represent -- the community represented with

25 QIA.

My question is I wonder if there's been

1 actual monitoring taken in the terrestrial? 2 Not because we want -- we have been -- we're 3 native to that area because while we were out 4 caribou hunting, that has -- we have seen 5 things that we -- which we are not searching 6 for.

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For example, during summertime, like, there's some slump on -- on the ground like about a foot. It's -- it's apparently slumping. Anyone can find out that permafrost is melting.

12 And also during the winter, we have seen, 13 like Caleb -- Caleb was relating to a story 14 where (OTHER LANGUAGE SPOKEN) there was lots of 15 grasses in that area, and there's a thermal 16 water underneath the ground. It's very 17 shallow, but it will not freeze even during the 18 winter, and also just before Qanniqtalik area, 19 there's another hot spring. There are two 20 rivers at site, and they seem to be flowing 21 from the Arctic Bay area. They're flowing, 22 both of them, even in winter, and one can 23 speculate maybe if -- if -- and the fact that 24 some of the water is -- cannot freeze, so it 25 makes you wonder if there are any safety 26 issues, and beyond Mary River, Aksayuuk Pass

[phonetic] in juupa [phonetic] across the lake, like, sometimes when you're out caribou hunting in that area, you see some smoke arising from the hot springs, and when you drop by the area, you can see the ground. Even in during -during the winter, the ground is all melting, and sometimes it periodically freezes over. Sometimes it doesn't. And there is some areas of hot springs in the -- in that area. And in -- during sometimes the river is actually flowing from those hot springs, and if there is -- or other areas such as though where the permafrost's melting, it might affect the railway crossing.

Has monitoring ever been taken in regards to those hot springs? Like, we have not been searching for these hot springs, but we see them when we're out on the land.

I'm not really sure. Like, I have tried to sample them to see if they're actually warm or they remain unthawed during the winter, even though they're cold to touch, when you touch it, but they don't freeze. Maybe the department of environment are aware of the situation and during the winter when the river is flowing from underground.

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Like, I have observed them even though I was trying to make some tea, and I -- the -like, once the water has settled inside the teapot, the -- part of the sediment sinks to the bottom of the kettle, and it became white in colour, like gray and white. That's something that I found out.

And also during the summertime, when I was caribou hunting, I went for a rest in that hot springs area, like, sometimes the water is always freezing as it flows downstream. Like, even though there's a glacier underneath the ground, and there's a hump. It's kind of yellowish in colour, and I thought that was kind of strange when I passed by. I stopped my Ski-Doo. Like, it was a white sand. Maybe a sulphur. It was quite large. It could be sulphur. Maybe it was over a metre long, like, a lump of sand turned out, like, apparently was generated from the hot springs from underground.

I was wondering if it was sulphur, and perhaps Environment Canada, Department of the Environment has conduct monitoring on that, or can they conduct monitoring in that area? Thank you.

THE CHAIR: If CIRNAC can respond or Climate Change Canada can respond to that question?

S. FORTE: Sarah Forte with Environment and Climate Change Canada.

Thank you very much for this question. It's interesting to hear. I was not aware of those hot springs, and I -- I don't know that they are studied by the -- in our department or they have been identified, so because I don't know them, I don't know if the white/yellow sand you saw was sulphur, but I agree with your assessment. It most likely was because that's a common mineral that gets deposited in hot springs.

THE CHAIR: Thank you. Teresa --Stephanie.

S. AUTUT: Thank you, Mr. Chair. Stephanie Autut, Nunavut Water Board.

Mr. Chair, we may want to ask the Applicant if they have any observations related to the question and the comments just posed that they would like to address at this time?

THE CHAIR: Okay. Applicant, go

ahead.

26 L. KAMERMANS: Lou Kamermans,

Baffinland. Thank you, Mr. Chair, and thanks, Joshua, for the question and for sharing the knowledge as well.

I'd have to do a deep dive into our studies from our original impact statement, but I've never been made aware of any hot springs in the -- the Mary River Project area, although I'd like to visit them.

I believe you also asked a question about permafrost and the railway and safety.

So high -- or railways in Canada are very highly regulated, and Transport Canada has -- has set very high standards for the safety of railways, and our engineers, SYSTRA, has helped us engineer the railway that we're proposing to build between the mine site and Steensby Port, and we've completed several geotechnical drilling programs over the years to investigate mostly where the bridges will be located so that we can ensure the pilings will either go into bedrock or that they won't be located in very ice-rich areas of the permafrost along the alignment.

Protecting the permafrost and avoiding settlement is -- is a big priority for the construction of the railway. Settlement can --

can cause real safety issues, so we've taken a lot of care to design the railway so that it won't impact the permafrost underneath it. It'll maintain the integrity of -- of the permafrost, and part of that, like I said, is avoiding areas that are -- we know are ice-rich by sampling them beforehand and just also in how we build the railway itself and where we place the ballast and -- and how much ballast and crushed rock is placed underneath the rail bed.

And we'll monitor this throughout the life of the project. We'll have what's called thermistors embedded at key points along the railway that will monitor the -- the level of permafrost, and then there will also be specialized equipment we use on the railway that can -- it can -- it can read whether the railway has settled even a millimetre over, you know, very long distances. So, again, this is something we take very seriously, and -- and we will be monitoring and -- and ensuring that we're operating a safe railway.

Thank you.

25 THE CHAIR: Stephanie.

S. AUTUT: Thank you, Mr. Chair.

Stephanie Autut, Nunavut Water Board.

We can also confirm that Natural Resources Canada, who has a mandate to assess and monitor permafrost, did participate in the original NIRB environmental assessment hearings and the original Water Board licences process and did do the assessments on permafrost and indicated no concerns at that time; and as monitoring is part of their mandate, we're confident that that process is still underway within their organization, but we can confirm that they did participate in the assessment and identified no long-term impacts.

Thank you, Mr. Chair.

THE CHAIR: Thank you.

Are there any more questions?

I don't see any hands raised, and now we're end with the questions, and the Federal government department already made their presentation.

And, Caleb, you want to say supplementary comments.

CALEB SANGOYA: Thank you for conducting the hearing here in Pond Inlet,

25 Mr. Chairperson.

You mentioned we were talking about Mary

River. We're not dealing with the Pond Inlet

issues. like -- but we should also be aware

3 that the people of Pond Inlet can comment about

4 them always about Mary River. Like, we have a

5 chance to speak, and yet our concerns are being

ignored. That is not how Traditional Knowledge

7 works.

THE CHAIR: If there are no more

9 questions, we're going to go for lunch and come

10 back here at 1:30. Like, we will give the

11 staff members here the time to prepare, and if

12 you want to converse with each other, by all

means. We're conducting a public hearing.

14 Like, we will be adjourning the session later

15 today. We will return at 1:30.

PROCEEDINGS ADJOURNED UNTIL 1:30 PM EDT

	342		343
1	Proceedings taken at Pond Inlet Community Hall,	1	PROPONENT
2	Pond Inlet, Nunavut	2	BAFFINLAND IRON MINES CORPORATION
3		3	M. Lord-Hoyle Vice President,
4	March 12, 2025 Afternoon Session	4	Sustainable Development
5		5	and Health, Safety,
6	NUNAVUT WATER BOARD	6	Environment
7	L. Toomasie Chair of Hearing	7	L. Kamermans Senior Director,
8	U. Pukignak Panel Member	8	Sustainable Development
9	E. Baddaloo Panel Member	9	P. Quassa Special Advisor
10		10	J. Tigullaraq Head of Northern Affairs
11	NUNAVUT WATER BOARD STAFF	11	E. Luther Senior Manager,
12	S. Autut Executive Director	12	Regulatory Affairs
13	K. Kharatyan Director of Technical	13	M. Schauerte Stantec, Technical
14	Services	14	Advisor
15	B. Kogvik Director of Board	15	C. Sangoya Pond Inlet, Inuit
16	Administration and	16	Knowledge-Holder
17	Communications	17	P. Enooagok Pond Inlet, Inuit
18	A. Jan Technical Advisor	18	Knowledge-Holder
19	R. Hunter Licencing Administrator	19	C. Kowbell Legal Counsel
20	T. Meadows Legal Counsel	20	
21		21	(Via Remote Video)
22	(Via Remote Video)	22	W. Bowden Environment Manager
23	Z. Bliss Meadows Law, Observer	23	S. Borcsok Approvals Manager
24		24	T. Swenson Environment
25		25	Superintendent
26		26	K. Kuchapski Minnow Technical Advisor
	344		345
1	INTERVENORS	1	ENVIRONMENT AND CLIMATE CHANGE CANADA
2	QUKIQTANI INUIT ASSOCIATION	2	E. Walker Manager, Environmental
3	A. Kubeisinova Manager, Regulatory	3	Assessment Group
4	Review	4	S. Forte Water Quality Analyst
5	J. Ottenhof Director, Qikiqtani	5	
6	Nunalirijikkut	6	(Via Remote Video)
7	A. MacDonald The Firelight Group	7	R. Nissen Air Quality Analyst
8	R. Nesbitt Hutchinson Environmental	8	R. Ejeckam Mining Expert
9	Sciences Ltd.	9	J. Kassar Environmental Assessment
10	J. Cavallo LGL Limited	10	Officer
11	C. Shefman Legal Counsel	11	J. Hollman Environmental Assessment
12		12	Officer
13	(Via Remote Video)	13	
14	K. Scott The Firelight Group	14	FISHERIES AND OCEANS CANADA
15	J. Carman LGL Limited	15	P. Harper Senior Biologist
16	M. Kay LGL Limited	16	N. Wasilik Regulatory Review
17		17	Biologist
18	CROWN-INDIGENOUS RELATIONS AND NORTHERN AFFAIRS	18	
19	A. Keim Manager, Water Resources	19	(Via Remote Video)
20	L. Perrin Water Management	20	C. Kovachik Regulatory Review
21	Specialist	21	Biologist
22	J. McHattie Legal Counsel	22	
23		23	HAMLET OF HALL BEACH
24	(Via Remote Video)	24	A. Qammaniq Community Representative
25	J. Croston Technical Expert,	25	J. Kaernerk Community Representative
26	AtkinsRéalis	26	

346 HAMLET OF IGLOOLIK 2 A. Attagutalukutuk Community Representative 3 L. Idlout Community Representative 4 N. Piugattuk Community Representative 5 6 HAMLET OF POND INLET 7 J. Katsak Community Representative 8 B. Merkosak Community Representative 9 10 INTERPRETORS/TRANSLATORS 11 R. Katsak Inuktitut Language 12 Translator 12 13 T. Arnakallak Inuktitut Language 13 14 Translator 14 15 15 16 J. King, CSR(A) Official Court Reporter 16 17 C. Coomber Sound Technician 17 18 18 19 (PROCEEDINGS RECOMMENCED AT 3:45 PM EDT) 20 THE CHAIR: Good day. We can start 20 21 again for the things that need to be done. I 21 22 think we're all ready to go. We can reconvene 22 23 now from all this extra work being resolved. 23 24 So I'll have Teresa go through -- go 24 25 through the procedure at the moment. 25 26 Thank you. 26

Discussion

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T. MEADOWS: Thank you, Mr. Chair. Teresa Meadows, legal counsel for the Nunavut Water Board.

So, Mr. Chair, it's my understanding that all -- with all the hard work of the parties who are here, that there are three updated documents that are proposed to be filed, and those updated documents really summarize the commitments and resolution of issues that has been put forward and agreed to by various Intervenors.

So the first document is an updated water licence -- draft water licence framework, an updated commitments list, and updated response to comments. Those documents are being circulated electronically as we speak.

So for this part of the unscheduled part of the agenda, what we propose to do is have Baffinland present a quick summary of the differences between the documents that were previously filed and the updates, so high-level focus on the updates; then we will move to the parties to inquire as to whether or not they have accepted the agreements that are recorded within those documents in terms of the updates:

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and then we will move to closing statements of the parties. And, Mr. Chair, I also invite parties, if there are objections to any of the updates or if there's disagreement still or unresolved issues, I encourage those parties to either raise them when we go to them after the updated documents have been presented for filing and described by Baffinland, or if they would rather table those discussions for their closing statements, that's also fine. They can also reference the resolutions that they have come to and any unresolved issues in their closing statements as well.

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I would also like to remind parties that at the end of the closing statements, I will be inquiring as to whether or not the parties are prepared to close the record, and what that means is from this time forward, if the record is closed, no further evidence or documentation will be provided to the Board for consideration, and the application will be remitted to the panel for a decision.

So, Mr. Chair, with that, I would suggest that we turn to Baffinland to walk us through the three documents that are currently being circulated, which are updates to previously

filed documentation with the Board.

Thank you, Mr. Chair. Those are my procedural matters.

THE CHAIR: Thank you. Thank you, Teresa.

Applicant, go ahead.

Submissions by Baffinland Iron Mines

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E. LUTHER: Thank you, Mr. Chair. Elisabeth Luther, Baffinland.

The first document that we submitted is the disposition table, which includes a final round of technical comments from reviewers and Baffinland's responses, which were submitted on February 21st. In that document, we have updated the resolution status as well as added new commitments to reflect the discussions that have happened this week. The details that have been added in this document, I'll provide a summary as I go through the other two documents.

So the next document is the commitment register, and thanks to all parties for the very productive discussions that happened in the past few weeks and past two days. We have been able to add new commitments numbered

350 1 Commitment 26 to 38. 1 Northern Affairs, we added three new 2 So if we start with Environment and Climate 2 commitments and updated an existing commitment. 3 In response to Crown-Indigenous Relations Change Canada, we added Commitment Number 26 in 3 4 response to their Comment Number 4 where 4 and Northern Affairs Comment Number 4, we added 5 5 Baffinland proposes to assess the potential the Commitment Number 28 where Baffinland 6 impacts of pit development on local permafrost 6 proposes to conduct a review of dustfall data 7 7 in hydrogeological regimes before developing and update associated management plans as 8 the pit to help define final closure 8 required. 9 9 requirements. We added Commitment 29 in response to 10 We also added Commitment 27 in response to 10 Comment Number 8 where Baffinland will update 11 **Environment and Climate Change Canada Comment** 11 the interim closure and reclamation plan to 12 Number 3 where Baffinland plans to conduct a 12 include soil-oil sediments containing 13 review of the Tote Road monitoring program data 13 site-related contaminants that pose a risk to 14 to confirm the natural variability. We will 14 human health. 15 share this data with Environment Canada, which 15 Baffinland and Crown-Indigenous Relations 16 we'll use to build a trend of the total 16 and Northern Affairs will work together on the 17 suspended solid criteria to be implemented. 17 definition and criteria of "contaminants" to be 18 Baffinland acknowledges that Environment 18 integrated in the plan. 19 Canada has not accepted this commitment as 19 In -- in response To Comment 11 from 20 fully resolving their comment; however, we 20 Crown-Indigenous Relations and Northern 21 believe this is an adequate path forward that 21 Affairs, Baffinland updated the Commitment 22 balances our desire to find consensus with 22 Number 4 where we included the proposed climate 23 Environment Canada while having consideration 23 change projections to be considered in our next 24 of the unique -- unique sandy site-specific 24 thermal model, which is SSP-1, 2, and 5. 25 25 conditions in the Tote Road. And, finally, in response to Comment 16, we 26 26 added Commitment Number 30 where we propose to Next, for Crown-Indigenous Relations and 352 353 1 undertake pit water quality model in 2025. 1 Commitment 36 was made in response to 2 In response to comments from the Qikiqtani 2 Comments 11 and 17 where Baffinland will update 3 Inuit Association, we have added eight 3 the aquatic effects monitoring program to 4 commitments. 4 provide quantifiable triggers leading to man --5 Commitment 31 was added in response to the 5 adaptive management action. 6 first comment from Qikiqtani Inuit Association 6 Commitment 37 was made in response to 7 Comments 14 and 15 where Baffinland will in which Baffinland will develop a one-time 7 8 memorandum that includes aquatic monitoring 8 provide a one-time submission of raw data on 9 9 information. sediment and water quality in Sheardown and 10 Commitment 32, also in response to Comment 10 Camp catchment areas. 11 Number 2, Baffinland will include a rationale 11 And, finally, Commitment 38 was added in 12 when professional judgment is used. 12 response to Comment 16, and Baffinland will 13 Commitment 33 in response to Comment Number 13 provide engineering designs related to the 14 2, Baffinland will update the aquatic effects 14 Kilometre 105 dam 60 days before the start of 15 monitoring plan to include event-based water 15 construction. 16 quality monitoring. 16 So these are all the new commitments that 17 Commitment 34 was made in response to the 17 have been added in the register. 18 Qikiqtani Inuit Association Comment Number 6 18 And now for the third and final exhibit, we 19 where Baffinland will collect supplemental 19 submitted an updated water licence framework. 20 aquatic monitoring data along the Steensby 20 We've only made three updates since the last 21 21 component. submission. The first one is located in 22 Commitment 35 was done in response to 22 Part E, Item 5. As agreed with Environment and 23 23 Comment Number 7 where Baffinland commits to Climate Change Canada in response to their

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Comments 5-6, we clarified the areas on the

project site where water use for dust

suppression does not have to meet total

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collecting supplemental baseline at four

Steensby railway.

hydrometric monitoring stations along the

354 1 suspended solid discharge criteria. 1 Lord-Hoyle with Baffinland. 2 And the last two updates were made in 2 Baffinland and QIA have had ongoing 3 Part B, Item 17, and Schedule B, Item 1(g)-14 discussions regarding their technical comments, 3 4 which were to correct some errors to align with 4 and we're pleased to report we have found 5 recommendations from the Qikiqtani Inuit 5 consensus on the items that QIA identified as 6 6 outstanding yesterday. We're asking QIA to Associations, and that concludes the 7 7 confirm that their comments are now resolved in description of our three exhibits. 8 8 Thank you, Mr. Chair. relation to the water licence. 9 9 As Baffinland provided in our presentation, THE CHAIR: Thank you. 10 Teresa. 10 Baffinland supports the Inuit stewardship program and understands it is a valuable 11 T. MEADOWS: Thank you, Mr. Chair. 11 12 initiative to add to the existing multifaceted Teresa Meadows, legal counsel for the Nunavut 12 13 Water Board. 13 programs to incorporate Inuit feedback and 14 14 Inuit Qaujimanituqangit into our project. So it's my understanding that there were 15 some outstanding questions to the Qikiqtani 15 Those include engagement with the Qikiqtani 16 16 Inuit Association and other Inuit organizations Inuit Association in terms of confirming and 17 reporting back to the Board in terms of the through the Nunavut Impact Review Board and 17 18 resolution of some of the issues, so if 18 Nunavut Water Board regulatory processes, Baffinland community engagement programs, the 19 Baffinland has any outstanding questions 19 20 remaining on that front, please pose those now, 20 Inuit Qaujimanitugangit framework, our adaptive 21 and then I will poll the parties. 21 management plan, and full-time Inuit staff 22 Thank you, Madam Chair -- or Mr. Chair. 22 positions in each community dedicated to 23 23 Sorry. incorporation of Inuit Qaujimanitugangit and 24 THE CHAIR: Thank you. 24 the project. 25 25 Okay. Baffinland and QIA have now agreed to 26 M. LORD-HOYLE: 26 Qujannamik. Megan develop a memorandum of understanding for the 356 1 Inuit stewardship program that would come into 1 A. KUBEISINOVA: Thank you, Mr. Chair. 2 effect upon the financial close of the Steensby 2 Assol Kubeisinova, Qikiqtani Inuit Association. 3 expansion. 3 Yes, we confirm. Thank you, Mr. Chair. 4 We have also agreed on wording for Part B, 4 THE CHAIR: Thank you. 5 Item 17, and Schedule B, along with 5 Applicant. 6 Commitment 27 that will require Baffinland to 6 M. LORD-HOYLE: Can QIA also please 7 consider outcomes for the Inuit stewardship 7 confirm the following: That all 8 plan and assessments. 8 recommendations offered by the Qikiqtani Inuit 9 Association in relation to Technical Comment 24 Baffinland understands that QIA technical 9 10 comments relating to Inuit Qaujimanituqangit, 10 and 27 to 37 during the presentation made by 11 Inuit water rights, Inuit engagement, and 11 the Qikiqtani Inuit Association vesterday are 12 cumulative effects. Specifically, the QIA 12 now resolved by Commitment 27, the revised 13 comment -- or, sorry, the Qikiqtani Inuit wording for Part B, Item 17, and Schedule B of 13 14 Association Comments numbered 24 and 27 through 14 the water licence, as well as Baffinland's 15 to Comment 37 are now considered resolved. agreement related to the Inuit stewardship 15 16 These are the technical comments with reverted 16 program? 17 resolution status provided by QIA in their 17 Further to this, the QIA is no longer 18 February 28th, 2025, letter to the Nunavut recommending any other changes to the licence 18 19 Water Board. 19 relating to Inuit Qaujimanituqangit and the 20 Can QIA please confirm that is also their 20 cumulative effects framework? Qujannamiik. 21 understanding, and then I will have two other 21 THE CHAIR: Thank you. 22 questions. Qujannamiik. 22 QIA, go ahead. 23 THE CHAIR: Thank you. QIA, go 23 A. KUBEISINOVA: Thank you, Mr. Chair. 24 ahead. 24 Assol Kubeisinova, Qikiqtani Inuit Association. 25 Questions for Qikiqtani Inuit Association by 25 Yes, we confirm.

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Thank you, Mr. Chair.

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Baffinland Iron Mines Corporation

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358 1 THE CHAIR: Thank you. 2 Applicant, go ahead. 3 M. LORD-HOYLE: Thank you. Megan 4 Lord-Hovle, Baffinland, 5 I don't think I did that last time. Sorry. 6 With respect to Qikiqtani Inuit Association 7 Technical Comments 1, 2, 6, 7, 9, 11, 14, 15, 8 16, and 17, Baffinland has provided additional 9 information or commitments as described in the 10 updated disposition table. 11 Based on this agreement, can QIA please 12 confirm that each of those technical review 13 comments are now considered fully resolved? 13 14 In summary, this brings the total to 36 of 14 15 37 comments received resolved. Qujannamiik. 15 16 THE CHAIR: Thank you. 17 QIA, do you have a response? 17 18 A. KUBEISINOVA: Thank you, Mr. Chair, 19 Assol Kubeisinova Qikiqtani Inuit Association. 20 Yes, we confirm that as well. 20 21 Thank you, Mr. Chair. 21 22 THE CHAIR: Thank you. 22 23 Teresa. 23 24 Polling of Intervenors 24 25 T. MEADOWS: 25 Thank you, Mr. Chair.

Water Board.

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So I would now like to turn to polling the parties with respect to any objections that they might have in relation to entering those three exhibits that are being proposed. The Board's normal practice is we mark those exhibits to discuss them, and then we poll the parties to determine if there are any objections to entering the documents on the record. So if I can have the Qikiqtani Inuit Association confirm whether or not they have any objections to filing these three exhibits? C. SHEFMAN: Thank you very much, panel members. Corey Shefman, legal counsel for the Qikiqtani Inuit Association.

The Qikiqtani Inuit Association has no objection to the three documents being entered as exhibits. Thank you.

T. MEADOWS: Thank you. Teresa Meadows, legal counsel for the Nunavut Water Board. Thank you, Mr. Chair.

And if I can have the legal counsel for DOJ to come forward. I also would -- because the Qikiqtani Inuit Association has already been through whether or not they agree that the disposition table is accurate. I will not ask

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them for that again, but if I can have your clients, as well, come up to the table and confirm -- or up to the microphone and confirm whether or not they (a) agree that the disposition table accurately reflects the agreement on the outstanding issues and the resolved issue, recognizing that Environment and Climate Change Canada has indicated, according to the disposition table, that not all their issues are completely resolved by the commitments, so whether or not you agree the disposition table accurately reflects the agreement of -- and outstanding issues and, secondly, whether or not there are any objections to the exhibits being entered into the public hearing record. Thank you, Mr. Chair. J. MCHATTIE: McHattie, counsel for Canada.

Teresa Meadows, legal counsel for the Nunavut

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I'm getting the sense that there's something that Baffinland wishes to share at this point? Ah, there's a clarification, so before we grant the adjournment, perhaps we can get the clarification on the record. M. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

My apologies. Elisabeth had been doing a lot of hard work on the disposition table, and when I referenced Commitment 27 to QIA, that was not listed in the disposition table that was circulated as Commitment 27, so it is now being added in as Commitment 39. It is the same wording. We will circulate it to the Qikiqtani Inuit Association, but there was a mistake in numbering.

Thank you.

THE CHAIR: Go ahead, Teresa. T. MEADOWS: Thank you, Mr. Chair.

So a procedural point, I have not yet entered into evidence the disposition table, so I'm assuming that this means I'm going to get an updated disposition table that will be the accurate one to replace the one that was circulated previously.

Okay. So we'll take a five-minute break,

Okay. Thank you. Joseph I would just like to ask for five minutes to confer and discuss these changes, and then we'll come back to you. Acceptable? Okay. Thank you, Mr. Chair. T. MEADOWS: Thank you, Mr. Chair. Teresa Meadows, legal counsel for the Nunavut Water Board.

362 1 and then --Maybe we -- maybe we just misheard you. Okay. 1 2 A. KEIM: Before we go to that --2 C. KOWBELL: Madam Chair -- or 3 T. MEADOWS: 3 Okay. Mr. Chair -- sorry -- might I suggest that 4 Mr. Chair, it appears that there is also a 4 maybe this is something we could clarify on the 5 clarification coming from Crown-Indigenous 5 break, and then we can come back if there's 6 Relations and Northern Affairs Canada. 6 additional hearing time that needs to be spent 7 THE CHAIR: Thank you. 7 on this? 8 Go ahead, CIRNA. 8 THE CHAIR: Okay. Yeah, a 9 9 A. KEIM: Thank you, Mr. Chair. five-minute break. 10 CIRNAC would like, for clarity sake, a 10 (ADJOURNMENT) 11 Okay. Thank you. read-back of the commitment on TDS. I believe 11 THE CHAIR: 12 12 it was the second-last one that you read back Teresa. 13 for your commitments with QIA, please and thank 13 T. MEADOWS: Thank you, Mr. Chair. 14 you. Sorry. It was to do with TDS and an 14 Teresa Meadows, legal counsel for the Nunavut 15 allowable exceedance, please. 15 Water Board. 16 Thank you. 16 So if I can have Department of Justice 17 E. LUTHER: Elisabeth Luther. 17 and -- come forward and answer the two 18 Baffinland. 18 questions that we posed. 19 Were you referring to the comment for 19 Thank you, Mr. Chair. 20 Environment Canada and Climate Change on total 20 THE CHAIR: Thank you. 21 suspended solids? No? 21 J. MCHATTIE: Joe --22 A. KEIM: Andrew Keim for CIRNAC. 22 THE CHAIR: Go ahead. 23 No. I believe you were still referring to 23 J. MCHATTIE: Joseph McHattie, counsel for Canada. Thank you, Mr. Chair. 24 the commitments with QIA. It would have been 24 25 25 the second-last one or the third-last one about We -- so we have an answer to the two 26 an allowable exceedance at some -- for TDS. 26 questions that were posed to us, which was the 364 1 position on the dispositions. So I will have and Climate Change Canada first? 1 2 my -- my clients speak to those. They'll have 2 We will add an A. KEIM: 3 a few comments to make. 3 affirmation at the end. 4 And the second question was whether we had 4 T. MEADOWS: Okay. You will be 5 objections to filing the documents, and we do 5 affirming at the end, and so ECCC first and 6 6 then Fisheries and Oceans Canada second and 7 And we also wanted to -- just to emphasize 7 then Crown-Indigenous Relations and Northern 8 Affairs will bring up the rear. in the -- with this quick change, I just wanted 8 9 9 to make sure that our comments here today will Thank you, Mr. Chair. 10 not relieve Baffinland of having to comply with 10 THE CHAIR: Thank you. 11 all the applicable Federal laws and Environment and Climate Change Canada, go 11 12 regulations. 12 13 So with that, I'll leave that to my clients 13 Submissions by Environment and Climate Change 14 to explain their -- their particularities. 14 Canada 15 Thank you very much. 15 S. FORTE: Thank you. Sarah Forte THE CHAIR: 16 Thank you. 16 with Environment and Climate Change Canada. 17 Teresa. 17 So to go over the two new commitments in 18 T. MEADOWS: Thank you, Mr. Chair. the table, Commitment Number 26 reflects our 18 19 Teresa Meadows, legal counsel for the Nunavut 19 discussions with Baffinland. As presented this 20 Water Board. 20 morning, it does address our final Technical 21 So Crown-Indigenous Relations and Northern 21 Comment Number 4. 22 Affairs Canada is giving me an indicator that 22 As acknowledged by Baffinland, their 23 they want Environment and Climate Change Canada 23 Commitment Number 27 does not address our 24 to speak. Am I to assume that Crown-Indigenous 24 concerns regarding our final Technical Comment 25 Relations and Northern Affairs Canada is not 25 Number 3. They propose to analyze their data 26 going to speak, or you just want Environment 26 on total suspended sediment in streams along

366 1 the Tote Road and confirm a cutoff criterion CIRNA. 1 2 for triggering management actions at a later 2 Submissions by Crown-Indigenous Relations and 3 3 Northern Affairs date. 4 This is not protective of the aquatic 4 A. KEIM: Qujannamiik, Mr. Chair. 5 environment. Until Baffinland can demonstrate 5 Sir, I would like to recognize all of the 6 that a criterion, other than that of the 'C' -hard work of the Board, our partners at 6 7 Canadian Council of Ministers of the 7 Baffinland, and sitting here at the table with 8 8 our partners QIA. All the hard work that has Environment Guideline is better adapted to 9 9 site, that guideline should be used as a gone into the resolutions that we have over 10 trigaer criterion. 10 the -- even up to the last few minutes, so 11 while not -- while -- with any negotiation, Environment and Climate Change Canada's 11 12 recommendations made this morning remain 12 things can get a little rough, but we are 13 unchanged. 13 satisfied with the commitments as they are 14 Thank you. 14 today, and understanding that we have more 15 THE CHAIR: Thank you. Anything 15 further processes in the future, we look 16 further? Thank you. Yeah, you're done. 16 forward to meeting our partners across the 17 table and -- and resolving them at that time. DFO. 17 18 Submissions by Department of Fisheries and 18 Thank you very much. 19 Oceans 19 THE CHAIR: Thank you. 20 P. HARPER: Paul Harper, Fisheries 20 Teresa. 21 21 T. MEADOWS: and Oceans. Thank you, Mr. Chair. 22 Fisheries and Oceans has reviewed 22 Teresa Meadows, legal counsel for the Nunavut 23 Commitments 22 and 23, and we are satisfied 23 Water Board. 24 with the commitments as proposed by Baffinland. 24 So subject to receiving the final live 25 25 Thank you. versions of the commitments list and the 26 THE CHAIR: 26 Thank you. disposition table, it's my understanding that 368 369 Licence Renewal Framework Draft for 1 those exhibits -- the final revisions will be 1 2 provided to us before we close today, and when 2 Discussion (Updated March 12, 2025) 3 we receive those, the Board will --3 (English) 4 S. AUTUT: 4 THE CHAIR: Okay. Thank you. We have them now. 5 T. MEADOWS: We have them now. All 5 Now we are to an opportunity for each of the parties to provide us with brief closing right. Thank you. I was just going to say, 6 6 7 literally, as we speak, so literally as we 7 remarks. Starting with Intervenors and ending 8 speak. So, Mr. Chair, those are my procedural with Applicant. 8 9 9 So Qikiqtani Inuit Association, you can -matters for now, and I would recommend that it 10 is now time to move on to the agenda item of 10 you may start your brief closing remarks. 11 Thank you. closing statements. 11 12 Thank you, Mr. Chair. 12 Closing by Qikiqtani Inuit Association 13 A. KUBEISINOVA: **EXHIBIT 12 - Baffinland Iron Mines** 13 Thank you, Mr. Chair, 14 Corporation, Electronic Copy, 14 Assol Kubeisinova, Qikiqtani Inuit Association. 15 Disposition Table for the Water 15 The Qikiqtani Inuit Association would like 16 Licence Renewal for Type A Water 16 to say thank you so much to the Board members, 17 Licence 2AM-MRY1325, Mary River 17 staff, and the participants for your patience 18 as we worked to resolve the remaining issues. Project, February 27, 2025 (Updated 18 19 March 12, 2025) (English) 19 QIA would like to first thank the Nunavut 20 **EXHIBIT 13 - Baffinland Iron Mines** 20 Water Board members and staff for their hard 21 work throughout this process. These hearings 21 Corporation, Electronic Copy, 22 Commitments List from the Public 22 are always a valuable opportunity to hear about 23 23 the continued development of the project and Hearing (Updated March 12, 2025)

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Inuit rights.

ensure that the project is operating in the way

that is more protective of the environment and

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(English)

EXHIBIT 14 - Baffinland Iron Mines

Corporation, Electronic Copy, Water

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As you know, QIA is a designated Inuit organization under the Nunavut Agreement and represents the rights and interests of over 14,000 Qikiqtani Inuit.

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QIA manages Inuit-owned land in the Qikiqtani region, including the project area. QIA advances the rights and benefits of Qikiqtani Inuit through protecting and promoting our social, political, economic, and cultural interests while safeguarding the land, waters, and resources that sustain our communities.

All of QIA's submissions in this hearing and the lead-up to this hearing are in line with QIA's mission as a designated Inuit organization.

QIA is pleased to confirm that through the hard work of our technical team and Baffinland's technical team this week and in the weeks leading up to the hearing, many of our technical comments have now been resolved. Specifically, we can confirm that nearly all of QIA's technical comments are now resolved through the following updated Baffinland commitments.

QIA Technical Comment Number 1 is resolved

2 Comment Number 2 is resolved by Baffinland 3 Commitments 32 and 33. Technical Comment 6 is 4 resolved by Baffinland Commitment Number 34. 5 Technical Comment 7 is resolved by Baffinland

by Baffinland Commitment Number 31. Technical

6 Commitment Number 35. Technical Comment 9 is

7 resolved as Baffinland has provided us with the 8 requested information. Technical Comment 11 is

9 resolved by Baffinland Commitment 36. 10

Technical Comment 14 is resolved by Baffinland Commitment 37. The same commitment resolves Technical Comment 15. Technical Comment 16 is resolved by Baffinland Commitment 38. And Technical Comment 17 is resolved by Baffinland Commitment 36.

In addition to these, QIA is now satisfied that Technical Comments 24 and 27 through 37 will be resolved if certain licence amendments and commitments are included in the licence and properly implemented by Baffinland.

As a result of these resolutions, the only QIA concern which remains unresolved is QIA-TR-5. On QIA-TR-5, QIA remains concerned that Baffinland has a history of exceeding daily water withdrawal limits from small watercourses with more limited withdrawal

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limits -- for example, CV-099, CV-087, CV-078 -- posing a potential risk to aquatic life and aquatic habitat for short-term water-level drawdown.

Acknowledging Baffinland's desire to maintain flexibility to support optimal environmental management, specifically as it relates -- as it relates to dust management and control, QIA recommends that the Board remove water withdrawal locations with seasonal restrictions from Table 2-3 of the water licence.

To support ongoing dust suppression activities, Baffinland may shift the requisite water volumes to the remaining water withdrawal locations currently within Table 2-3 of the licence.

On the issue of security, QIA confirms that we are committed to negotiating a security management agreement with the Government of Canada and Baffinland. We share Baffinland and Canada's desire for that work to be completed in time for the Minister's decision on the licence.

During this hearing and the steps leading up to this hearing, one of the issues that QIA has been most focused on is making sure that the licence provides a mechanism for the incorporation of Inuit Qaujimajatuqangit and Inuit Qaujimaningit into the Mary River Project. Incorporating pathways for Inuit

5 6 Qaujimajatuqangit and Inuit Qaujimaningit to 7

inform the licence and the project's management plans and operations will help to improve the project, make it safer for the environment,

safer for Inuit, and will help to protect Inuit riahts.

In our submissions this week, we have provided examples to the Board of how Indigenous Knowledge has been incorporated into other water licences in other jurisdictions. These examples have been intended to demonstrate how important these issues are and that regulators continue to expand and improve the incorporation of Indigenous Knowledge, including IQ, into projects.

To be clear, QIA is not suggesting at this hearing that the Board should adopt the conditions that were used in the Ekati project. Those were presented for informational purposes only.

Baffinland and QIA have put forward

recommended wording to the Board in Part B and Schedule B that addresses QIA's concerns as set out in our technical comments and presentation relating to Inuit Qaujimajatuqangit and Inuit Qaujimaningit and the cumulative effects assessment, and QIA is not recommending any further changes to address those topics in this renewal water licence.

QIA believes that the Nunavut Water Board should ensure that the water licence provides effective mechanisms for the incorporation of Inuit Qaujimajatuqangit and Inuit Qaujimaningit, Inuit monitoring and research, and Inuit observational monitoring parameters into the project.

It is part of the mandate of the Nunavut Water Board to act on all these issues. In the past, NWB water licences have not incorporated specific references to any of these themes. Even this morning, we heard from Mr. Idlout and Mr. Sangoya about the importance of including IQ in these processes, and we heard in responses to their questions that more work is still needed on this front. This is exactly why the Inuit stewardship program is so important.

Through the Inuit stewardship program, we will be able to incorporate additional Inuit Qaujimajatuqangit and Inuit Qaujimaningit and Inuit observational parameters into the project in order to ensure that changes can be predicted, monitored, and managed from an Inuit perspective. This work will feed directly into both QIA's role as a designated Inuit organization for the project and into Baffinland's technical work and management plans.

QIA recognizes that the Board's hold -that the Board holds IQ, listens to IQ from
Inuit, and integrates IQ into its decisions.
That said, it is also important that the legal
instruments that the Board issues, which govern
the monitoring and management of projects like
the Mary River Project, also integrate specific
requirements that, on an ongoing basis, Inuit
Qaujimajatuqangit and Inuit Qaujimaningit,
Inuit engagement, and the way Inuit observe the
environment be integrated into those
operations.

We appreciate that Baffinland has also agreed that Inuit Qaujimajatuqangit and Inuit Qaujimaningit are important to their operations

and to their monitoring and management plans. We see many opportunities in the future to collaborate with Baffinland to ensure that Inuit Qaujimajatuqangit and Inuit Qaujimaningit is properly integrated into the project.

There has been a lot of discussion over the last few weeks and even right up to the last few days between QIA and Baffinland to make sure that Baffinland's commitment to integrate IQ into their operations was meaningful in general and to ensure that the Inuit stewardship program is sustainable in the long term. As a result of Baffinland's new commitment to negotiate a memorandum of understanding for the continued long-term operation of the Inuit stewardship program, QIA's now comfortable that our concerns related to IQ will be addressed if certain steps are taken.

Aside from the new commitment, all of those steps are described in QIA's February 7th submission. They are, first, the commitment from Baffinland to negotiate a memorandum of understanding on the Inuit stewardship program is honoured by Baffinland; second, Commitment 39 is included in the licence and

implemented by Baffinland; third, the requested amendment to Part B, Item 17 of the water licence is approved by the Board and incorporated into the licence; and fourth, the requested amendments to Schedule B, Items 1(e) and 1(g) are approved by the Board and incorporated into the licence.

Specifically with respect to the three requested licence amendments, Part B, Item 17 and Schedule B, Items 1(e) and 1(g), please make sure to reference today's updated version of Baffinland's licence framework which was just filed as an exhibit. This updated exhibit contains updated language from the previous version filed on February 27th. The language in the exhibit reflects QIA and Baffinland's shared understanding of the proposed amendments. If the Board accepts these four recommendations and changes and if they are properly and fully implemented by Baffinland, then QIA will be able to confirm that QIA Comments 24 and 27 through 37 should be considered resolved, and we will be able to have confidence that appropriate mechanisms will be in place to incorporate Inuit Qaujimajatuqangit and Inuit Qaujimaningit into

the project and the licence.

The current Mary River Project water licence does not make any specific reference to Inuit Qaujimanituqangit, Inuit monitor or research, or Inuit monitoring parameters. We will start to close that gap with these proposed new changes that QIA and Baffinland have agreed on.

Inuit monitoring and research is not intended to replace the monitoring and the research done using western science by Baffinland or by the Government of Canada. Inuit-led monitoring and research and the collection of Inuit Qaujimajatuqangit and Inuit Qaujimaningit will add value to the project.

The information which results from the Inuit stewardship program is not punitive to Baffinland. It is intended to be shared with Baffinland so that it can feed into their monitoring and management plans, improve them, and ensure that Inuit perspectives are represented in those processes.

QIA's recommendations have focused on integrating forthcoming results from Inuit-driven research and monitoring results into Baffinland 's annual review regarding the

water licence implementation and, where appropriate, updating management and monitoring plans based on what is learned from Inuit.

This is not intended to be a burden to any party and should improve an area that has been challenging in the past, the gap between Baffinland's monitoring results and the observed experience of effects from the project by Inuit.

The benefits of Inuit-led monitoring will be large by bringing the way Inuit measure change into the project monitoring and management system in a more systematic and long-term way. This will help bridge the gap between impacts Inuit are experiencing on the land, which have been notable, and the level of impact predicted by and measurable by Baffinland's western scientific monitoring system.

In addition to the comments that we have made today on Inuit Qaujimajatuqangit and Inuit Qaujimaningit, we also point the Board to Section 2 and -- and Appendix B of QIA's submission filed with the Board on February 7th, 2025. We rely on the points made in that submission and hope the discussion

there will give the Nunavut Water Board further confidence that what we are asking you to do on this point is comfortably within your jurisdiction and that by taking these steps, you will be ensuring that the spirit and intent of the Nunavut Agreement is implemented.

In closing, QIA does not object to the approval of the water licence renewal for the Mary River Project.

Board members, QIA again wants to thank you for your hard work. We also want to thank Baffinland for working with our team to address many of our concerns. We want to recognize and thank all community members as well as Hamlet and Hunters & Trappers Organizations' representatives who attended to share their views. Thank you so much to the Board staff and immense thanks to the interpreters. Unless the Board has any questions for us, this concludes QIA's submissions.

Thank you, Mr. Chair.

THE CHAIR: Thank you.

Okay. Next Intervenor closing remarks, Crown-Indigenous and Northern Relations. Go ahead.

Closing by Crown-Indigenous Relations and

Northern Affairs, Department of Fisheries and
 Oceans, and Environment and Climate Change

3 Canada

A. KEIM: Qujannamiik, Iksivautaa.

(OTHER LANGUAGE SPOKEN). I represent today both CIRNAC, DFO, and Environment Canada in a final representation to the Board and -- and a

word of thanks on behalf of the Federal family.

First and foremost, I'd like to turn -- I'd like to thank so much the translator interpreters that have helped us so much today to understand each other and to work closely together in a -- in a firm understanding of what each other's messages and we are trying to convey. Thank you all very much.

A huge shout-out goes out to PIDO Productions for putting up with us and for playing some nice country music there a few minutes ago.

Secondly, the entire Federal family recognizes that we are here in Pond Inlet, in Mittimatalik, and none of these consultations can be done without community members, community representation. I understand we had representatives from Igloolik, Hall Beach, Clyde River, and Pond Inlet here. I believe we

didn't get somebody from Cape Dorset, unfortunately, but -- and Arctic Bay (OTHER LANGUAGE SPOKEN), so a huge shout-out again goes out to all of the people that came to provide us guidance. We couldn't do this job without you. Thank you so much.

Finally, to talk about IQ, Joe, Paul, thank you very much for being here to provide us your insights and Toomasie for leading us. Thank you.

The Government of Canada works to involve -- works to incorporate IQ in all the things that we do, and it works to ensure that the -- the wishes and the hopes, the prayers, the ideas that come from the beneficiaries and come from the Nunavut land claim are actually applied in our everyday lives, and we try our very best to be respectful of that.

CIRNAC's role is to be both a comanagement partner with the Nunavut Water Board as is the rest of the Federal family, but we are also those -- we are also the ones that it tasked with being the regulator, and sometimes being a regulator is difficult at -- in -- in different situations.

While working with Baffinland, we can say

that we have worked together through all of our problems and resolved everything -- maybe not to everybody's 100 percent satisfaction, but we ended up coming to a resolution that was agreeable to everybody and a path forward, which is probably more important than anything else.

Yeah, so the Federal family contributes to the -- to the contributions that developed the water licence as Baffinland is responsible for adhering to, and we recognize the -- the efforts that they are making to -- to stay in compliance and to promote their project and to see it through to fruition.

We've come a long way since 1993. We've come a long way since bladders and tents. We've come a long way to seeing this project move towards that next step, which is -- makes it generational.

CIRNAC is also here to support resource development in the -- as part of our mandate. Part of our mandate is to ensure that you do it the right way, and we thank you for working with us. We thank you for acknowledging your responsibilities and to ensuring that, you know, we will work forward together with our

partners at QIA to make sure that this is done in a respectful and hopefully profitable way.

CIRNAC continues -- that's all the rest.

In closing, we thank the Water Board for their leadership and their guidance on behalf of the Federal family, and we would ask that the -- the Board acknowledge all the hard work and thank you very much.

THE CHAIR: Thank you, CIRNAC, covering three Federal departments all together.

Now next closing remarks, Baffinland Iron Mines Corporation. Take the floor. Thank you. Closing by Baffinland Iron Mines Corporation M. LORD-HOYLE: Qujannamiik. Megan Lord-Hoyle for Baffinland.

Thank you to the Board and the Board staff for arranging this public hearing and for your care in managing this very comprehensive water licence renewal process.

Baffinland's water licence renewal application has been under active -- has been under active review under the NWB for over eight months. This application also benefit -- benefitted from a draft review by the Qikiqtani Inuit Association prior to submission to the

Water Board consistent with the terms of our Inuit Impact Benefit Agreement.

I want to acknowledge the many hours and resources that the Qikiqtani Inuit Association, Crown-Indigenous Relations and Northern Affairs Canada, Environment Canada, and Fisheries and Oceans Canada have spent with us reviewing this application and the many hours that Inuit have spent at technical meetings and meetings with Baffinland or the Qikiqtani Inuit Association in relation to this application or our project.

Our application was reviewed closely by each of these parties who relied on their own organizational expertise and technical experts to provide their final recommendations to the Board.

We respect the unique role the Qikiqtani Inuit Association, as representatives of Qikiqtani Inuit, bring in identifying and balancing the wide range of views on a project and the application. It is equally important to Baffinland that we hear Inuit views on our project, and we appreciate Inuit communities welcoming us into their communities to discuss issues relevant to this application or just to the broader -- broader project.

As we have discussed through this hearing, we have developed an Inuit-led approach to engagement where our northern affairs team has expanded its community staffing, conduct engagements in Inuktitut whenever possible, and prioritizes the open sharing of community knowledge and project information.

I specifically want to acknowledge and thank Joe and Paul who have been instrumental in leading us through this important change.

While not specific to this licence renewal, I do want to speak to the collection of baseline data as it was a frequent topic of conversation at this hearing, and I want to address that we have heard the comments on this topic.

Baffinland has extensive baseline data and information for both the southern Steensby and northern portions of the project with baseline information collection specifically conducted by Baffinland going back as far as 2006. However, understanding that we are actively planning to move forward with the Steensby component of the project, we have been collecting supplemental baseline information in the project area since 2021, and we want to

ensure that those in this room understand that this data is actively being updated.

Baffinland has engaged Inuit from the communities closest to this work through this process and has benefitted greatly from their insights and participation in our programs.

This is an important relationship, and we look forward to continuing advancing a shared understanding of the project area and how our project will interact with it for more informed management and monitoring strategies.

Through the jointly proposed amendment to Part B, Item 17 and Schedule B, Baffinland and the Qikiqtani Inuit Association have put forward a means to address concerns related to the integration of Inuit Qaujimanituqangit and related information into the management mechanisms governed by the licence respecting the important feedback we regularly receive from our work with Inuit and the Qikiqtani Inuit Association.

I would also like to take a moment to acknowledge the history of this licence. In 2013, the Nunavut Water Board developed the licence based on the careful advice of all these same parties, including community

representatives. All of us did our very best work on that licence, and the result was a very strong and stringent licence designed to protect Nunavut waters.

Two years later, the Board amended that licence again with the same careful and thoughtful advice from the parties here and adding even stronger and stringent licence requirements.

Today, very few changes to this licence have been identified as a result of the renewal process because the licence is already very strong. That being said, the amendments proposed in the submitted water licence framework address key issues raised during the -- this renewal process and will only further ensure the ongoing protection of Nunavut waters.

In addition to these amendments, Baffinland has committed to evolve the monitoring and mitigation plans governed by the licence and subject to Board review and approval.

It's also important to acknowledge that our operations under the licence are subject to regular inspections by Crown-Indigenous Relations and Northern Affairs Canada, and

Baffinland has a demonstrated record of compliance.

Baffinland is subject to multiple inspections on the project relevant to our water licence, including those by Environment and Climate Change Canada and the independent inspections that QIA, the Qikiqtani Inuit Association, carries out under the commercial lease. Ever since the licence has been in effect, Baffinland has adjusted its mitigation and monitoring programs based on the feedback received through the annual reporting process or standalone reviews of our management plans.

In each case, these reviews are public and carefully facilitated by the Nunavut Water Board. This is an important factor in our request to the Board to issue a 15-year licence term. The water licence renewal process is not the only opportunity that's provided to make adjustments where needed. Care and attention to these matters is required throughout the licence term, and we have every confidence that all parties will continue to fully participate in and give feedback through standard and expected Nunavut Water Board facilitated reviews.

Thanks to the very hard work of all the parties, we have been able to find very strong consensus on the technical comments issued by the parties during this review.

Of the 86 comments received, we are encouraged to report that 83 of those comments have been fully resolved either through providing additional information or through the development of mutually agreed commitments.

In the interest of time, we will not review or address the three outstanding technical issues in this closing, but we believe we have provided a reasonable path forward for the Board's consideration, and that information is contained within our disposition table, commitment list, and the water licence framework.

Again, we greatly appreciate the time parties have provided to this review and to the ongoing discussions with us in the pursuit of agreeable solutions and recommendations to the Board.

In closing, we do want to stress the importance of advancing a long-term approval of our water licence which expires on June 10th, 2025. We do not wish to operate under a

temporary licence, and we believe that there is time for the Board and Minister's careful decision-making to be -- to be completed before that date.

Thank you again to the Board and its staff for arranging this meeting, to the interpreters and their tireless efforts to allow us to understand each other, to the parties, and to the community members for their participation, and the community of Mittimatalik for hosting us. I wish everyone safe journeys for wherever they are going at the close of this hearing.

Qujannamiik.

Closing Remarks by The Chair
THE CHAIR: Okay. Thank you,
Applicant, for your closing remarks.

As we bring this public hearing to a close, on behalf of the Board and my fellow panel members, I would like to thank all the parties who contributed to making this public hearing and community session a success, especially the Applicant, Baffinland and its representatives; Intervenors, Qikiqtani Inuit Association, Crown-Indigenous Relations and Northern Affairs, Environment and Climate Change Canada, Fisheries and Oceans Canada; the NWB staff and

legal counsel; interpreters, Ben Kogvik, Rhoda Katsak, Titus Arnakallak; court reporter, Julie Deanne King; audio facilitator, Chris Coomber; and all the community members and Elders for the valued participation in this hearing.

As we are at the end of the hearing, I will make some comment to let parties know that what happens next for the new -- renewal application.

The Board will now close the public hearing record. What this means is that all evidence with regards to this renewal application is now before the Board, and no -- and no further information will be considered by the panel before they make their decision about the application.

Now that the record is closed, the Board will remit the file to the panel to decide whether or not to approve the renewal and grant the Type A licence as requested by Baffinland.

Within 30 to 45 days after the public hearing record closes, NWB will issue its records and -- of proceeding and decision to the Minister of Northern Affairs. If the Board decision is to grant the licence, a draft of the renewed Type A water licence will be

attached to the Board decision for the Minister's approval.

That concludes the public hearing component of the Nunavut Water Board's consideration of Baffinland's application to renew their water licence.

The Board and I wish to all -- wish you all a good afternoon and good evening and have safe travel.

I'd like to ask Joshua to have a closing prayer for us. Joshua. (CLOSING PRAYER)

PROCEEDINGS CONCLUDED

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1	CERTIFICATE OF TRANSCRIPT:	
2	I, J. King, certify that the foregoing	
4	pages are a complete and accurate transcript of	
5	the proceedings taken down by me in shorthand	
6	and transcribed from my shorthand notes to the	
7	best of my skill and ability.	
8 9	Dated at the City of Airdrie, Province of Alberta, this 22nd day of March 2025.	
10		
11	Joking	
12 13	J. kling, CSR(A)	
14	Official Court Reporter	
15	Commissioner for Oaths Appointee No. 0733800	
16 17	ASRA Membership No. 146	
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