

NUNAVUT WATER BOARD

Type "A" Water Licence Application No: 3AM-CHE----

PUBLIC HEARING

VOLUME 1

Chesterfield Inlet, Nunavut

November 15, 2023

1	TABLE OF CONTENTS		
2			
3	Description		Page
4			
5	November 15, 2023	Morning Session	8
6	Opening Remarks		8
7	Roll Call		19
8	SIMIONIE SAMMUR TOK and JOHN IVEY, Affirmed		24
9	KAYLA CLOUTER and MEGAN LUSTY, Affirmed		25
10	Presentation by Applicant, Hamlet of Chesterfield		26
11	Inlet		
12	Questioning of Applicant, Hamlet of Chesterfield		35
13	Inlet		
14			
15	November 15, 2023	Afternoon Session	43
16	CHRISTINE WILSON and ANDREW KEIM, Sworn		43
17	Presentation by Crown-Indigenous Relations and		44
18	Northern Affairs Canada		
19	Questioning of Crown-Indigenous Relations and		51
20	Northern Affairs Canada		
21	STEPHINIE MALLON, Affirmed		55
22	Presentation by Environment and Climate Change		55
23	Canada		
24	Questioning of Environment and Climate Change		59
25	Canada		
26	Closing Remarks by Crown-Indigenous Relations		63

1	and Northern Affairs Canada	
2	Closing Remarks by Environment and Climate	63
3	Change Canada	
4	Closing Remarks by the Hamlet of Chesterfield	63
5	Inlet	
6	Closing Remarks by Nunavut of Government,	63
7	Community and Government Services	
8	Comments by the Mayor of Chesterfield Inlet	66
9		
10	November 15, 2023 Evening Session	67
11	Community Session Opening Remarks by the Chair	67
12	Community Session Presentation by the Nunavut	70
13	Water Board	
14	Community Session Presentation by the Government	76
15	of Nunavut, Community and Government Services	
16	Questions/Comments from the Community	82
17	Questions/Comments from the Nunavut Water Board	85
18	Community Session Presentation by	89
19	Crown-Indigenous Relations and Northern Affairs	
20	Canada	
21	Closing Remarks by the Chair	95
22	Certificate of Transcript	98
23		
24		
25		
26		

1	EXHIBITS	
2	Description	Page
3		
4	EXHIBIT 1 - Hard Copy, PowerPoint Presentation,	25
5	Water Licence Renewal and Amendment, Chesterfield	
6	Inlet 3AM-CHE---- (English/Inuktitut)	
7		
8	EXHIBIT 2 - Hard Copy, PowerPoint Presentation,	25
9	Water Licence Renewal and Amendment, Chesterfield	
10	Inlet 3AM-CHE---- (Inuktitut)	
11		
12	EXHIBIT 3 - Hard Copy, PowerPoint Presentation,	25
13	Water Licence Renewal and Amendment, Chesterfield	
14	Inlet 3AM-CHE---- (English)	
15		
16	EXHIBIT 4 - Hard Copy, PowerPoint Presentation,	25
17	Water Licence Renewal and Amendment, Chesterfield	
18	Inlet 3AM-CHE---- (French)	
19		
20	EXHIBIT 5 - Hard Copy, PowerPoint Presentation,	44
21	Municipality of Chesterfield Inlet Application for	
22	Type "A" Water Licence 3AM-CHE----, Nunavut Water	
23	Board Public Hearing November 15-16, 2023	
24	(English)	
25		
26		

1	EXHIBIT 6 - Hard Copy, PowerPoint Presentation,	44
2	Municipality of Chesterfield Inlet Application for	
3	Type "A" Water Licence 3AM-CHE----, Nunavut Water	
4	Board Public Hearing November 15-16, 2023	
5	(Inuktitut)	
6		
7	EXHIBIT 7 - Hard Copy, PowerPoint Presentation,	55
8	Hamlet of Chesterfield Inlet Type A Water Licence	
9	Application Public Hearing Presentation by	
10	Environment and Climate Change Canada (English)	
11		
12	EXHIBIT 8 - Hard Copy, PowerPoint Presentation,	69
13	Public Hearing for Hamlet of Chesterfield Inlet	
14	Application for Type "A" Water Licence	
15	(English/Inuktitut)	
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		

1 Proceedings taken at Community Complex, Chesterfield
2 Inlet, Nunavut

3

4 November 15, 2023

5

6 NUNAVUT WATER BOARD

7 L. Toomasie Chair of Hearing

8 S. Silou Panel Member

9 E. Copland Panel Member

10

11 NUNAVUT WATER BOARD STAFF

12 S. Autut Executive Director

13 K. Kharatyan Director of Technical Services

14 B. Kogvik Director of Board Administration
15 and Communications

16 R. Dwyer Manager of Licensing

17 R. Hunter Licensing Administrator

18 M. Shaikh Technical Advisor

19 T. Meadows Legal Counsel

20

21 APPLICANT

22

23 HAMLET OF CHESTERFIELD INLET

24 S. Sammurtok Mayor of Chesterfield Inlet

25 J. Ivey Senior Administrative Officer

26 K. Clouter Project Manager

1 M. Lusty Manager of Municipal Works

2 S. Hooey Director of Community

3 Infrastructure Division

4

5 INTERVENORS

6

7 CROWN-INDIGENOUS RELATIONS AND NORTHERN AFFAIRS CANADA

8 C. Wilson Water Management

9 Coordinator

10 A. Keim Manager, Water Resources

11

12 ENVIRONMENT AND CLIMATE CHANGE CANADA

13 S. Mallon Senior Environmental

14 Assessment Officer

15

16 INTERPRETERS/TRANSLATORS

17 M. Angoshadluk Language Translator

18 G. Thompson Language Translator

19

20 A. Vidal, CSR(A), RMR Official Court Reporter

21

22 R. Dempster Sound Technician

23

24

25

26

1 (PROCEEDINGS COMMENCED AT 10:35 AM)

2 Opening Remarks

3 THE CHAIR: Good morning, and welcome to
4 the public hearing with application filed by Hamlet of
5 Chesterfield Inlet via its representative, Government
6 of Nunavut, Community and Government Services, to renew
7 its expired Type "B" water licence to authorize the use
8 of water and deposit of waste associated with the
9 Hamlet of Chesterfield Inlet's municipal undertaking.
10 My name is Lootie Toomasie, and I am the Chair of
11 Nunavut Water Board and the NWB's Hearing Chair for
12 this public hearing.

13 Before we proceed with the hearing, please let us
14 begin with a prayer. I'd like to call Mary Rose to say
15 a prayer, one of the interpreter.

16 Opening Prayer

17 THE CHAIR: Qujannamiik for the prayer.

18 On behalf of the Nunavut Water Board, I welcome
19 you to the Hamlet of Chesterfield Inlet.

20 Now to provide some background and set the stage
21 for the hearing, the Nunavut Water Board, which I shall
22 refer to as the "Board" or the "NWB", is an institution
23 of public government created under Article 13 of the
24 Nunavut Agreement and the Nunavut Surface Rights
25 Tribunal Act. NWB is responsible for the use,
26 management, and the regulations of freshwater in

1 Nunavut settlement area.

2 The purpose of this public hearing is to review an
3 application of Government of Nunavut, Community and
4 Government Services, on behalf of the Hamlet of
5 Chesterfield Inlet -- I may refer to them as "GN-CGS"
6 and "Hamlet" respectively or the Applicant -- to
7 replace the expired Type "B" water licence with a
8 Type "A" water licence for the use of water and deposit
9 of waste associated with the municipal undertaking at
10 the Hamlet of Chesterfield Inlet.

11 The Hamlet of Chesterfield Inlet obtains its water
12 from First Lake, Puiqsuk Lake, located 2.6 kilometres
13 southwest of the community. Sewage is trucked to a
14 sewage treatment facility approximately 2.2 kilometres
15 west of the community. Effluent flows through two
16 sewage detention cells and into the wetland treatment
17 area. The effluent travels through the wetland
18 treatment area towards Finger Bay approximately
19 800 metres to 1,000 metres from the discharge point.

20 The Hamlet of Chesterfield Inlet solid waste
21 disposal facilities consist of a fenced disposal area,
22 bulk metal disposal area, and two drum storage areas.
23 A decommission landfill is present between the fenced
24 disposal area and the bulk metal disposal area.

25 As set out in Section 13.3 .6 of Nunavut Agreement
26 and Section 29 of Nunavut Waters and Nunavut Surface

1 Rights Tribunal Act, the Board has delegated its power
2 to dispose of all matters related to the processing of
3 the application to replace the Type "B" water licence
4 3BM-CHE1523, which expired on May 14, 2023, as a
5 Type "B" water licence -- Type "A" -- sorry -- Type "A"
6 water licence 3AM-CHE----, including the conduct of
7 this public hearing, to a panel of the Board, which is
8 referred to as the "Chesterfield Inlet Panel" or a "P24
9 Panel".

10 I will be chairing this panel, and with me today,
11 as members of the panel, are Board members Sarah Silou
12 on the left side and Elizabeth Copland on my right
13 side.

14 Several staff members who have contributed to the
15 NWB's administration and technical review of the
16 application are present along with legal counsel to the
17 NWB, and I will introduce the individuals in
18 attendance: Stephanie Autut, executive director; Karen
19 Kharatyan, director of technical services; Ben Kogvik,
20 director of Board administration and communications;
21 Robert Hunter, licencing administrator at the back;
22 Mohammad Ali Shaikh, technical advisor; and Teresa
23 Meadows from Meadows Law, legal counsel to the Board.

24 In addition, we have two interpreters available
25 for simultaneous interpretation, Ben Kogvik, in-house
26 interpreter to the Board; and Mary Rose Angoshadluk,

1 who is from Chesterfield Inlet; and Gloria Thompson.
2 Oh, Rankin. Sorry. It doesn't say in my notes here.
3 Sorry.

4 For audio support, we have Ryan Dempster from PIDO
5 Productions. If you experience any difficulties with
6 your headset, Ryan is able to provide you assistance.

7 To ensure we have an accurate record of the
8 proceedings, we have with us a court reporter, Andres
9 Vidal, from Dicta Court Reporting Incorporated.

10 Before I move on to an overview of this
11 application and what to expect today during the public
12 hearing, there are some important housekeeping items
13 for everyone here.

14 First, as indicated earlier, there is
15 interpretation available throughout the hearing in
16 English and Inuktitut. Earpieces can be obtained from
17 the table located just by the door as you enter this
18 room. Channel 2 broadcasts English while Channel 3
19 broadcasts Inuktitut.

20 Second, the Board appreciates if everyone,
21 including the Applicant, intervenors, and members of
22 the public, sign in on the sheets located at the table
23 as you come in. This is an important record of the
24 hearing, and we appreciate your help in making sure it
25 is complete.

26 Thirdly, the agendas for the public hearing and

1 the community session are available at the back.
2 Please pick one up and follow along with us as we
3 proceed.

4 The washrooms are located in the entrance to the
5 hall and the exits are in the back -- in the front and
6 the back of the hall and in the entrance to the hall.

7 There's coffee, tea, and snacks brought in during
8 breaks throughout the hearing, and you are welcome to
9 help yourself throughout the day.

10 I also would like to remind everyone to please
11 turn off your cell phones or put them on silent before
12 we begin. Make sure I'm doing the right ... Yeah.
13 It's set to the silent.

14 I would also like -- finally -- sorry. Finally,
15 to assist both our court reporter and our interpreters,
16 please wait to have a microphone before you speak.
17 Then state your name, speak clearly and slowly, and
18 avoid the use of abbreviation. We appreciate your
19 assistance in making sure your comments are recorded
20 and the Board's record of proceedings is accurate and
21 complete.

22 I would like to notify the participants that the
23 media --

24 Is there media in place, Teresa?

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

1 No, Mr. Chair. At this point, I have no
2 indications that media are present or participating
3 online.

4 THE CHAIR: Okay. Thank you. Yeah.

5 In the past, parties in other proceedings have
6 approached -- I'll skip that as well. It's talking
7 about the media. There's no media in the room.

8 Prior to identifying and introducing all of the
9 parties in attendance today, I will provide a brief
10 history of the application, which are before the Board.
11 Okay. Let me change my eyeglasses. Difficult to read
12 in the ... Oh, that's better now.

13 As mentioned earlier, the application which is
14 currently before the Board is for a Type "A" water
15 licence Number 3AM-CHE---- requested by the Hamlet of
16 Chesterfield Inlet via its representative, Government
17 of Nunavut, Community and Government Services.

18 The scope of the proposed amendments includes the
19 following: Replacing the Type "B" Water Licence Number
20 3BM-CHE1523 expired as of May 14, 2023, with a new
21 Type "A" water licence for a ten-year term to allow for
22 the continued use of up to 23,000 cubic metres of water
23 annually and deposit of waste associated with a
24 municipal undertaking; extraction of up to 2,000 cubic
25 metres per day of freshwater from First Lake for the
26 annual resupply of the storage reservoir during the

1 open water season; and no changes to existing
2 facilities, including the water supply facility and the
3 solid waste and sewage disposal facilities.

4 I will now provide a summary of the main documents
5 that GN-CGS provided to the Board in support of the
6 application to renew and amend the water licence. The
7 application includes the following documents: A water
8 licence application document, executive summaries in
9 English and Inuktitut, a cover letter, authorization
10 letter, NPC conformity determinations, plan for
11 compliance.

12 In addition, GN-CGS provided updated management
13 plans for the Board and parties to review. GN-CGS also
14 filed revised documents in response to technical
15 comment submissions from the intervenors and the Board.
16 Copies of all of the materials filed by the Applicant
17 in support of its renewal-amendment application as well
18 as documents related to the expired licence are
19 available on the NWB's public registry and the FTP
20 site.

21 In addition, our licencing administrator, Robert
22 Hunter, can make available for public viewing at the
23 hearing the electronic copies of the public registry
24 for this application and the key documents for the
25 application received to date. If you are interested in
26 reviewing any of the documentation, please ask Robert.

1 Now I am going to provide you with a very brief
2 overview of key steps in the procedural history for
3 this application that outlines how we got to this
4 public hearing stage.

5 The original application for the renewal of the
6 Type "B" water licence was received by NWB on
7 December 20, 2022.

8 On January 11, 2023, the NWB informed the
9 Applicant that because the daily amount of water
10 extracted from First Lake during the resupply of the
11 reservoir exceeds the threshold of 300 cubic metres a
12 day, the undertaking now requires a Type "A" water
13 licence to replace the previous Type "B" water licence.

14 At that time, the NWB also revised -- advised --
15 sorry -- advised the Applicant to contact the Nunavut
16 water planning commission -- Nunavut Planning
17 Commission -- sorry -- Nunavut Planning Commission,
18 NPC, and the Nunavut Impact Review Board, NIRB, to
19 inform them of the change to the type of water licence
20 requested, as land use conformity and impact assessment
21 requirements applicable to a Type "A" water licence
22 differ from the requirements applicable to a Type "B"
23 water licence.

24 On March 7, 2023, the Nunavut Planning
25 Commission -- I will call them "NPC" for short --
26 determined that the project conforms to the Keewatin

1 regional land use plan, KRLUP, and the application does
2 not require NIRB screening, and previous conformity
3 determinations apply.

4 On March 20, 2023, the Nunavut Water Board
5 received the application and supporting documentation
6 from GN-CGS to renew and amend the expired Type "A"
7 licence associated with the application of Chesterfield
8 Inlet's municipal undertaking.

9 On March 22, 2023, the NWB acknowledged receipt of
10 the application and asked interested persons to review
11 the scope and completeness of information provided as
12 well as to identify any deficiencies and information
13 requests.

14 By April 12, 2023, the Board received comments on
15 the completeness of the application from the
16 Crown-Indigenous Relations and Northern Affairs,
17 CIRNAC; Environment and Climate Change Canada, ECCC;
18 and Fisheries and Oceans, DFO.

19 On May 3, 2023, the Applicant provided responses
20 to completeness check information requests, IRs.

21 On May 23, 2023, the Board issued notice of the
22 application. The notice invited intervenors and any
23 interested parties to commence their technical review
24 of the application and provide the Board with their
25 comments and also proposed to hold a teleconference
26 technical meeting and pre-hearing conference for the

1 application during the week of July 2023.

2 Crown-Indigenous Relations and Northern Affairs
3 and climate change -- Environment and Climate Change
4 Canada provided technical review comments by June 21,
5 2023.

6 GN-CGS filed a response to the technical comments
7 of these parties and the NWB on June 29, 2023.

8 On July 6, 2023, the NWB distributed the draft
9 agenda for the TM/community session/PHC along with the
10 updated outline for the next steps in the process.

11 On July 14, 2022 -- it's supposed to be 2023 --
12 NWB provided the final agendas for the TM/community
13 session/PHC.

14 On July 19, 2023, the Board conducted its
15 technical meeting, including a community session, and
16 pre-hearing conference via teleconference and video
17 conference.

18 On August 25, 2023, the Board released the
19 pre-hearing conference decision that summarized the
20 outcome of the technical meeting and pre-hearing
21 conference held by the Board. At the same time, the
22 Board also released the notice of this public hearing
23 and the list of the commitments to be filled by the
24 Applicant -- fulfilled by the Applicant. Sorry.

25 October 5, 2023, was the date to submit final
26 written submissions and presentations to the Board.

1 On November 2, 2023, the NWB circulated the final
2 agenda for the public hearing. As I mentioned earlier,
3 the final agenda, including translated copies, are
4 available from the table as you enter the hall if you
5 wish to pick one up and follow along.

6 Complete details on all procedural steps and all
7 submissions received in relation to the application are
8 available on the NWB's FTP site. If you have questions
9 or would like to see any materials, please see Robert
10 at the table as you enter the hall.

11 I will now move on to read a list of the issues
12 that will be discussed at this hearing. This list was
13 prepared during the technical hearing and pre-hearing
14 conference: The scope of the Type "A" water licence to
15 replace the expired licence, no changes to the scope of
16 the expired licence; term of licence, ten-year term
17 requested; water use, no changes to amount of water
18 use; wastewater management, potential for a new water
19 treatment facility in the future, triggers and timing
20 to prepare and submit sludge management plan prior to
21 sludge disposal; waste management, no plans for new
22 landfill infrastructure during the requested term,
23 clarification of the use of the landfarm for disposal
24 of contaminated soils; closure and reclamation
25 planning, timing for preparation and submission of a
26 conceptual closure and reclamation plan; monitoring

1 program, annual report preparation and timing of
2 submission to the NWB, daily water use reporting;
3 amendment to the water licence, removal of requirements
4 that the Applicant has indicated are not practical or
5 are no longer applicable, submissions of paper
6 documents, aligning submission deadlines with the
7 annual report, daily waste disposal reporting;
8 corrections/updates to existing management and
9 monitoring plans.

10 If there are no concerns, I would like to move
11 forward to a roll call. I will begin the roll call
12 with the Applicant, Hamlet of Chesterfield Inlet and
13 its representative, Government of Nunavut, Community
14 and Government Services. Can you please introduce your
15 participants. Go ahead.

16 Roll Call

17 MR. IVEY: Hello. I'm John Ivey, the
18 senior administrator officer for the Hamlet.

19 MR. SAMMURTOK: My name is Simionie Sammurtok
20 (INUKTITUT SPOKEN).

21 THE CHAIR: Is there GN staff here?
22 Teresa.

23 MS. MEADOWS: Thank you, Mr. Chair.

24 It's my understanding that the Government of
25 Nunavut, Community and Government Services, are online
26 perhaps. Can we please go to the online participants.

1 Thank you.

2 MS. CLOUTER: Thank you so much.

3 My name is Kayla Clouter. I am a project manager
4 for the Government of Nunavut, Community and Government
5 Services, and joining me from GN-CGS, I have Megan
6 Lusty, who is the manager of municipal works. Thank
7 you so much.

8 THE CHAIR: Thank you.

9 I will now go to intervening parties.
10 Crown-Indigenous Relations and Northern Affairs,
11 CIRNAC.

12 MS. WILSON: Hi. I'm Christine Wilson, and
13 I'm the water resource -- water management coordinator,
14 and I have Andrew Keim, the manager of water resources.

15 THE CHAIR: Environment Canada.

16 MS. MALLON: Good morning. My name is
17 Stephinie Mallon, and I'm the acting senior
18 environmental assessment officer with Environment and
19 Climate Change Canada. Thank you.

20 THE CHAIR: Thank you.

21 Is there any intervenors that I have not mentioned
22 who would like to speak? Please identify yourself.

23 Okay. I didn't hear any response.

24 It is our tradition to give respect to our Elders.
25 Therefore, at any time during the proceeding, an Elder
26 may speak to the application that is before the Board.

1 All that we ask is that when the Elders wish to speak,
2 they may let me and our staff know, and then we can get
3 the microphone to you before you speak so we can ensure
4 your comments are recorded in the transcript.

5 I would now like to know whether there are any
6 representatives from agencies, associations, et cetera,
7 who have not submitted interventions but would like to
8 make a presentation or share their views about the
9 application.

10 Are there any members of the general public who
11 would like to make a formal request to make a
12 presentation or speak to the Board during this public
13 hearing?

14 I also want to mention that the Board will also
15 give opportunities to any members of the public who may
16 have questions for GN-CGS or the intervenors throughout
17 the hearing to ask their questions or make comments at
18 the end of the technical presentation of each party
19 and during the community session that will be taking
20 place tonight at 7 PM.

21 I will now turn to the identification of my
22 motions or any objections to the amendment application
23 that are before the Board.

24 Teresa, go ahead.

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

1 Mr. Chair, we have received no notification of any
2 objections or motions to this application, and so I
3 would recommend that we proceed. Thank you, Mr. Chair.

4 THE CHAIR: Thank you, Teresa.

5 We will now proceed with Item E -- Item 8 --
6 sorry -- Item 8 of the agenda, the presentation by the
7 Applicant. The Applicant has requested to make a brief
8 presentation on the renewal-amendment application
9 before the Board.

10 Ms. Lusty. Sorry. Go ahead.

11 MR. IVEY: Good morning, everybody.
12 Basically, the -- the -- the intent is to get a
13 Type "A" water licence. Our Type "A" water licence
14 exceeded the allowable quantity of water which we
15 delivered, and we're seeking a new ten-year term under
16 the "A" water licence.

17 And this is a first time for being involved in a
18 public hearing, so a little bit unsure if -- exactly
19 what we have to say, but that's -- to keep it legal and
20 keep it -- so we weren't able to deliver water to all
21 the units that we have to. We have to have a Type "A"
22 licence. I don't know. Is there any other specific
23 information you need from us? Go ahead. I see legal.

24 THE CHAIR: Teresa.

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

1 So the question actually to the Hamlet is: Who
2 will be making the presentation? We have presentation
3 materials provided by the Government of Nunavut,
4 Community and Government Services, and our question is:
5 Who will be making that presentation, and then how long
6 do you expect that presentation to go?

7 MR. IVEY: I suspect it would be Kayla
8 Clouter.

9 MS. CLOUTER: Hi, John.

10 MR. IVEY: Perhaps Kayla can speak to
11 this.

12 MS. CLOUTER: Yeah. Absolutely. Thank you
13 so much, John. Thank you, Teresa.

14 I will be presenting on behalf of Government of
15 Nunavut, Community and Government Services. I expect
16 the presentation to take approximately 10 to
17 15 minutes, and I will be sharing my screen to make
18 that presentation, if that is possible.

19 THE CHAIR: Thank you.

20 Teresa, go ahead.

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

23 So, Mr. Chair, for public hearings, it is our
24 practice that before anybody who is providing evidence
25 directly to the Board with the exception of Elders and
26 community members, that we swear them in or affirm them

1 for the record and so that the people present can
2 understand that their evidence that they are giving is
3 evidence that they believe to be true and have verified
4 is true.

5 And when we are dealing with parties that are
6 remote attendees, our process is a little bit
7 different. So what I would recommend is that I will do
8 the affirmations for the representatives of the Hamlet
9 who are here present, and then I will turn to doing the
10 affirmation for the presenters that will be online for
11 the Government of Nunavut, Community and Government
12 Services. So if I can have the presenters who are
13 present state and spell your name for the record,
14 please.

15 MR. IVEY: My name is John Ivey, spelled
16 I-V-E-Y.

17 MR. SAMMURTOK: My name is Simionie Sammurtok.
18 It's S-A-M-M-U-R-T-O-K, Sammurtok.

19 SIMIONIE SAMMURTOK and JOHN IVEY, Affirmed

20 MS. MEADOWS: Moving on to the presenters
21 that are online for Community and Government Services.
22 If you can state and spell your name for the record,
23 please.

24 MS. CLOUTER: Thank you so much.

25 My name is Kayla Clouter. That's K-A-Y-L-A
26 C-L-O-U-T-E-R.

1 MS. LUSTY: Hi. My name is Megan Lusty,
2 M-E-G-A-N L-U-S-T-Y.

3 KAYLA CLOUTER and MEGAN LUSTY, Affirmed

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

6 Mr. Chair, I have copies of -- hard copies of the
7 PowerPoint presentation that was filed in four
8 languages with the Board in advance of the public
9 hearing and that it is my understanding will be
10 presented under this item of the agenda, and I propose
11 to mark these four copies as the first exhibits in this
12 public hearing. And, Mr. Chair, those are all my
13 procedural matters.

14 EXHIBIT 1 - Hard Copy, PowerPoint
15 Presentation, Water Licence Renewal and
16 Amendment, Chesterfield Inlet 3AM-CHE----
17 (English/Inuktitut)

18 EXHIBIT 2 - Hard Copy, PowerPoint
19 Presentation, Water Licence Renewal and
20 Amendment, Chesterfield Inlet 3AM-CHE----
21 (Inuktitut)

22 EXHIBIT 3 - Hard Copy, PowerPoint
23 Presentation, Water Licence Renewal and
24 Amendment, Chesterfield Inlet 3AM-CHE----
25 (English)

26 EXHIBIT 4 - Hard Copy, PowerPoint

1 Presentation, Water Licence Renewal and
2 Amendment, Chesterfield Inlet 3AM-CHE----
3 (French)

4 THE CHAIR: Thank you.

5 So please go ahead. Have your presentation,
6 Ms. Lusty.

7 Presentation by Applicant, Hamlet of Chesterfield Inlet

8 MS. LUSTY: Thank you, Mr. Chair.

9 It is actually Kayla Clouter who is doing the
10 presentation on behalf of GN-CGS, and she will be
11 sharing her screen to do so.

12 MS. CLOUTER: So if everybody could let me
13 know when they're able to see my screen.

14 MS. MEADOWS: Thank you, Ms. Clouter.

15 I can confirm that we can see the PowerPoint
16 presentation.

17 MS. CLOUTER: Excellent. Thank you so much.

18 So this is a presentation by the Government of
19 Nunavut, Community and Government Services, for the
20 Nunavut Water Board public hearing for the water
21 licence renewal and amendment for Chesterfield Inlet of
22 a Type "A" water licence.

23 So to go over the existing licence a little bit,
24 the date of the existing licence issuance was May 15th,
25 2015, and it expired on May 14th of 2023. The scope of
26 the licence allows for the use of water and deposit of

1 waste for a municipal undertaking classified per
2 Schedule 1 of the regulations at the --

3 MS. MEADOWS: Excuse me.

4 MS. CLOUTER: -- Hamlet of Chesterfield
5 Inlet.

6 MS. MEADOWS: My apologies --

7 MS. CLOUTER: Sorry. Go ahead.

8 MS. MEADOWS: -- Ms. Clouter. We do have
9 simultaneous interpretation in --

10 MS. CLOUTER: Okay.

11 MS. MEADOWS: -- Chesterfield, and so you're
12 going to have to slow down by quite a bit.

13 MS. CLOUTER: Okay.

14 MS. MEADOWS: Thank you.

15 MS. CLOUTER: So this application is for the
16 renewal of the existing licence and an amendment to
17 change to a Type "A" licence to reflect that the annual
18 resupply of the raw water reservoir is exceeding
19 299 metres cubed per day. This change is to reflect
20 the higher daily withdrawals that occur during the
21 annual resupply. All water use and waste disposal
22 activities will remain the same as per the existing
23 expired licence.

24 So for some background information on the water
25 supply, First Lake is the domestic water supply for the
26 Municipality of Chesterfield Inlet, an approximate

1 population of 437 per the 2016 census.

2 The watershed is frozen for seven to nine months
3 out of the year. Therefore, a raw water reservoir has
4 to be adequately supplied prior to freeze-up each year,
5 and there will be no change to the resupply operations
6 at First Lake with this amendment renewal.

7 Chesterfield Inlet currently uses up to 2,000
8 metres cubed per day for approximately 14 days to
9 refill the reservoir. The reservoir was built and has
10 been in use since the 1990s.

11 This is just an overview of the water supply
12 infrastructure.

13 So the sewage treatment facility is located
14 approximately 2.2 kilometres west of the community.
15 The facility was upgraded in 2010 and is comprised of
16 two truck discharge areas, two sewage detention cells,
17 and a wetlands area with a series of four small ponds
18 and two flow diversion berms.

19 The wetlands encompass an area that is
20 approximately 10.4 hectares. Effluent flows 800 to
21 1,000 metres through the wetlands from the sewage
22 detention cells to the marine environment of Finger Bay
23 on the Hudson Bay.

24 This is just an overview of that wastewater
25 disposal infrastructure.

26 Chesterfield Inlet's solid waste disposal

1 facilities consist of a fenced disposal area for
2 municipal solid waste, a separate bulk metal disposal
3 area approximately 200 metres south of the fenced
4 municipal solid waste area, and two drum storage areas
5 approximately 150 metres and 270 metres southeast of
6 that municipal solid waste area.

7 A decommissioned landfill is present between the
8 fenced municipal solid waste area and the bulk metal
9 disposal area at the head of the sewage treatment
10 wetland.

11 The Hamlet collects solid waste from community
12 buildings five days a week with a garbage truck and
13 transports the waste to the municipal solid waste
14 disposal facility located 2.2 kilometres west of the
15 community.

16 The municipal solid waste --

17 MS. MEADOWS: Excuse me.

18 MS. CLOUTER: -- disposal facility --

19 THE CHAIR: Can you slow down a bit. The
20 interpreters have to -- having a hard time -- in line
21 with you.

22 MS. CLOUTER: Absolutely. Sorry about that.
23 I'll start that point over again.

24 So the Hamlet collects its solid waste from
25 community buildings five days a week, and that is
26 collected with the garbage truck. It transports the

1 waste to the municipal solid waste disposal facility,
2 which is located 2.2 kilometres west.

3 The municipal solid waste disposal facility covers
4 an area of approximately 24,000 metres squared, and it
5 is situated adjacent to and north of the sewage
6 disposal facility.

7 This is just an overview of that solid waste
8 infrastructure.

9 So moving on to the current sampling program under
10 the existing expired licence. So CHE -- Station CHE-1
11 is the raw water supply intake at First Lake. CHE-2
12 covers runoff from the solid waste disposal facility.
13 CHE-3 is effluent from Sewage Holding Cell 1. CHE-3a
14 is effluent from Sewage Holding Cell 2. And CHE-4 is
15 the final discharge point for the effluent from that
16 wetland treatment area prior to Finger Bay.

17 And that is an overview of all the sampling points
18 per the current expired licence.

19 So moving on to the regulatory review and comments
20 from Environment and Climate Change Canada and
21 Crown-Indigenous Relations and Northern Affairs Canada.

22 The first comment from Environment and Climate
23 Change Canada was regarding sludge management, about
24 the future of sludge monitoring, whether it is
25 monitored on a regular basis and if there is a decrease
26 in the treatment performance. It was recommended that

1 sampling of the sludge at the sewage disposal facility
2 take place.

3 So GN-CGS's response was that the sludge level is
4 observed through visual inspection, and that is done
5 during the annual inspection, and it has not been
6 identified as a compliance issue in the report.

7 GN-CGS is currently seeking funding to construct a
8 new lagoon that will accommodate the anticipated sludge
9 volumes so disposal will not be necessary.

10 Remediation of the existing sludge is a part of
11 this project, and, if necessary, sampling can be done
12 at that time.

13 The next comment was in regards to runoff
14 collection and whether runoff is collected from the
15 solid waste facility and tested prior to discharge.

16 CGS's response was that runoff from the solid
17 waste facility is not collected. Monitoring Location
18 CHE-2 monitors free-flowing runoff from the solid waste
19 facility prior to it entering the wetland treatment
20 area. There has been no indication that leachate has
21 caused a negative impact on the wetland historically,
22 and this is based on sampling results. But monitoring
23 stations will continue to be monitored in the future.

24 Moving on to the comments from CIRNAC. The first
25 comment of note there was regarding abandonment and
26 restoration plans. So it was recommended that a

1 conceptual abandonment and restoration plan would be
2 provided.

3 CGS's response to that was that abandonment and
4 restoration plans are developed by third parties hired
5 by GN-CGS at the time that that plan is required as A&R
6 plans are site and asset specific.

7 The next comment was regarding inspection reports.
8 CIRNAC was unable to locate a report by a geotechnical
9 or municipal engineer within the last five years. So
10 no report like that currently exists. GN-CGS is
11 currently undertaking a project to identify the type of
12 inspection, the frequency of inspection, and the
13 appropriate professional with specific training to
14 undertake the inspections for the assets under --
15 authorized under the municipal water licence. This
16 report is expected to be complete in 2023/2024, and it
17 will be provided to the Nunavut Water Board for
18 distribution.

19 The next comment was regarding Monitoring
20 Location CHE-1 and the daily volumes withdrawn during
21 resupply. So GN-CGS will report the daily volumes
22 pumped from First Lake during the annual resupply in
23 the annual report as Monitoring Location CHE-1.

24 The next comment was regarding a new monitoring
25 location, CHE-1a, and the recommendation was for this
26 new monitoring location to be at the water supply

1 facility to monitor the daily volume of water used.

2 So CGS's response was that monthly volumes are
3 currently reported in the annual report based on
4 billing records supplied by the community. Given that
5 this pump house draws water for consumption from an
6 engineered reservoir and not from the natural water
7 source, GN-CGS will report based on the resupply
8 volumes going forward rather than withdrawal at the
9 pump house, and this would be the daily volumes
10 reported at Monitoring Location CHE-1.

11 Sewage disposal reported in the annual report will
12 continue to correlate with the monthly water usage, and
13 this will be based on billing records, and the monthly
14 water usage will be -- will continue to be reported as
15 is.

16 The fifth comment was in regards to landfarm use
17 and whether that landfarm is in use by the community
18 for contaminated soils or not. So GN-CGS confirmed
19 that the landfarm is not currently used by the
20 municipality for the remediation of contaminated soils.
21 However, if it is needed to use the landfarm for the
22 remediation of contaminated soils, a letter of
23 authorization will be requested from the owner.

24 So moving on to the renewals and amendments that
25 we are asking for in this water licence. We are asking
26 for a licence term of ten years, and this is based on

1 the fact that there is no change in municipal
2 operations, and the water use is not expected to
3 increase beyond the current annual limit within the
4 next ten years, and this is based on population
5 projections.

6 So we are requesting that the maximum daily water
7 withdrawals be increased to 2,000 metres cubed.
8 Justification for this request is that the watershed is
9 frozen for seven to nine months a year. Therefore, a
10 raw water reservoir needs to be adequately supplied
11 prior to freeze-up each year. There is no change to
12 resupply operations at First Lake for the required
13 annual volume of water.

14 And our next request is the removal of several
15 requirements from the licence. This includes a
16 submission of paper documents as everything is
17 currently submitted electronically, aligning submission
18 deadlines with the annual reports, and the requirement
19 of daily waste disposal for reporting.

20 So we're requesting annual solid waste reporting
21 and monthly and annual sewage reporting, and currently
22 there is no solid waste attendant position within the
23 community.

24 So here we just want to put our contact
25 information for any questions or concerns regarding
26 water, wastewater, or solid waste that aren't related

1 to the things that are encompassed by this water
2 licence. So you can contact myself, Kayla Clouter, or
3 Megan Lusty at the provided contact information. Thank
4 you so much.

5 THE CHAIR: Thank you. Thank you for your
6 presentation.

7 All right. Now I'd like to turn to Item 9 in the
8 agenda, intervenors -- I will allow intervenors to ask
9 questions. We'll start with Crown-Indigenous Relations
10 and Northern Affairs.

11 Questioning of Applicant, Hamlet of Chesterfield Inlet

12 MS. WILSON: Christine Wilson.

13 We don't have any questions.

14 THE CHAIR: Thank you.

15 Environment and Climate Change Canada, do you have
16 any questions?

17 MS. MALLON: Stephinie Mallon, Environment
18 and Climate Change Canada.

19 We have no questions. Thank you.

20 THE CHAIR: Thank you.

21 Is there any questions from the public related to
22 this application presentation?

23 Okay. I take that there is no questions.

24 I'd like to ask the staff of the Nunavut Water
25 Board. If you have any questions, please proceed.

26 MS. AUTUT: Thank you, Mr. Chair.

1 Stephanie Autut, executive director with the Water
2 Board.

3 The staff do have a couple of questions.

4 THE CHAIR: Go ahead.

5 MR. KHARATYAN: Karen Kharatyan, the director
6 of technical services with Water Board. Thank you,
7 Mr. Chair. Thank you, Stephanie.

8 I would like to have some clarification regarding
9 GN-CGS, a response to Crown-Indigenous Relations
10 Northern Affairs Comments Number 2 for our record. It
11 was stated that GN, or Government of Nunavut, did
12 undertake a study of their infrastructure for future
13 inspection of -- related to inspection -- type of
14 inspection, frequency, et cetera, of this
15 infrastructure.

16 The first clarification is whether the study is
17 being undertaken by Government of Nunavut over -- or by
18 a third-party, like, engineering firm or other
19 third-party organization. Thank you.

20 THE CHAIR: Applicant.

21 MS. CLOUTER: Thank you so much. Kayla
22 Clouter, GN-CGS.

23 I am under the impression that this study is being
24 undertaken -- GN-CGS has hired a third party to
25 complete this study.

26 Megan, I am unsure if you are able to offer some

1 more insight on that from your end. I do know it is
2 something that the infrastructure folks were working
3 on.

4 MS. LUSTY: Megan Lusty, GN-CGS.

5 Yes. I can confirm that we have hired a
6 third-party consulting engineer. Dillon Consulting is
7 currently doing that report and review for us of the
8 type of engineering qualifications required and the
9 frequency they would suggest in having these
10 engineering inspections completed of the water licence
11 infrastructure. As Kayla has previously mentioned, we
12 will have that report available at the end of the -- or
13 close to the end of the 2023/24 fiscal year. Thank
14 you.

15 THE CHAIR: Thank you.

16 Go ahead, Karen.

17 MR. KHARATYAN: Thank you, Mr. Chair. Again,
18 a follow-up regarding these items. Karen Kharatyan
19 from Water Board.

20 Yes. Can we have for our record kind of, yes,
21 commitment by GN-CGS that these reports will be
22 available for -- or within the annual report of 2023 to
23 be submitted by the end of March?

24 And another question will be -- or a follow-up
25 will be whether this report -- this third-party report
26 will make a clear recommendation specific to

1 communities or specific to different type of
2 infrastructure, so trying to understand whether this
3 recommendation could be implemented directly for
4 Chesterfield Inlet infrastructure or some assessment
5 will be required by GN-CGS regarding this
6 recommendation and potential implementation for
7 different communities. Thank you.

8 MS. LUSTY: Megan Lusty. Thank you for
9 the question.

10 Yes. This question regarding the engineering
11 inspection as a requirement of the water licences has
12 come up previously, and, as such, that is why GN-CGS
13 has contracted Dillon Consulting to take a wholistic
14 look at this request and all of the municipal water
15 licences that GN-CGS provides support on. And while
16 it's not specifically looking at the infrastructure
17 required in the Chesterfield Inlet licence, it's
18 looking at the common types of infrastructure that
19 municipalities have licenced, so the different and
20 similar types of sewage lagoons, solid waste sites,
21 et cetera.

22 This is going to be completed in the 23/24 fiscal
23 year. I cannot -- I cannot provide a commitment that
24 it will be received at the same time as the 2023 annual
25 reports. It will be available by the 2024 annual
26 reports.

1 MR. KHARATYAN: Karen Kharatyan from Water
2 Board.

3 Megan, maybe last clarification, yes, regarding
4 your expectation, so whether this report or
5 recommendation from this report could be implemented
6 directly to Chesterfield infrastructure. For example,
7 we are speaking about Chesterfield or additional by
8 Government of Nunavut will be required related to
9 implementation of these engineering recommendations.

10 MS. LUSTY: Megan Lusty, CGS.

11 Just to clarify the question, Karen, you are
12 looking if -- whether the report will require some
13 interpretation by GN-CGS for its applicability to the
14 Hamlet of Chesterfield Inlet water licence? Is -- did
15 I understand your question correctly?

16 MR. KHARATYAN: Karen Kharatyan from Water
17 Board. Thank you, Mr. Chair.

18 Yes. The question is whether you will -- once you
19 have this report, whether your expectation is that
20 Dillon Consulting will recommend a type of inspection,
21 the frequency, that you will implement it just based on
22 this recommendation, or GN-CGS will assess their
23 recommendation and make another, yes, assessment or --
24 I don't know -- decision regarding the implementation
25 or what type of inspection will be required that may be
26 applicable to Chesterfield, so trying to understand

1 if -- if -- in the potential future renewal licence,
2 they both include a term, "condition", like, inspection
3 of infrastructure will be conducted as per
4 recommendation by this third-party report or
5 assessment, whether this term and condition will be
6 actually valid and conducted and enforceable in the
7 future. Thank you.

8 MS. LUSTY: Megan Lusty. Thank you,
9 Mr. Chair. And thank you, Karen, for clarification.

10 Yes. Our intention with this report is to share
11 it with the Nunavut Water Board and within the common
12 intervenors with CIRNAC and ECCC as this clause
13 regarding the engineering inspection has long been a
14 clause that the municipalities have not been able to
15 meet on their own and has not been feasible under the
16 current licence term for CGS engineers to inspect as it
17 requires a very specialized skill set to be able to
18 conduct the type of dam safety inspections and other
19 required inspections on the licence infrastructure.

20 So this engineering report from Dillon will
21 clarify the qualifications needed and also the
22 frequency that would be suggested in conducting these
23 because it is not typical practice that a dam safety
24 inspection would be completed every single year, and it
25 is also financially unfeasible for that level of
26 specialist to get into every single municipal --

1 municipality every year to be able to complete this
2 inspection as well.

3 So with this report, I don't -- I believe it will
4 be a conversation piece for the Water Board
5 municipalities, GN-CGS as municipal support, and the
6 intervenors to all review together to determine how
7 this would be applicable to the licence terms going
8 forward. Thank you.

9 THE CHAIR: Thank you.

10 Any other questions, staff.

11 MR. KHARATYAN: Karen Kharatyan from Water
12 Board.

13 No other questions at this time. Thank you,
14 Mr. Chair.

15 THE CHAIR: Thank you.

16 Panel members, do you have questions? Elizabeth?

17 MS. COPLAND: Thank you. Matna. I have one
18 question.

19 What is the timing of the new wastewater treatment
20 facility? Is this in this application or for future
21 amendment? Thank you.

22 MS. LUSTY: Megan Lusty, GN-CGS. Thank
23 you, Chair, and thank you for the question.

24 The coming of the new wastewater facility is
25 brought -- is currently unknown because it is based on
26 the Government of Nunavut's capital funding process,

1 and, as such, I am not able to commit to a timeline on
2 this project as funding has not yet been committed to
3 upgrading the wastewater infrastructure within the
4 Municipality of Chesterfield Inlet. Therefore, it is
5 not on the current licence renewal.

6 This would be an additional amendment application
7 that would be submitted once we have the funding
8 approved for this project, and I cannot confirm whether
9 or not that will be within the ten-year timeline that
10 we are currently requesting. Thank you.

11 THE CHAIR: Thank you.

12 Do you have a question?

13 MS. SILOU: I thought we weren't supposed
14 to ask questions until after lunch.

15 THE CHAIR: If you want to.

16 MS. SILOU: That was the direction from
17 legal counsel.

18 THE CHAIR: Okay. Okay. We'll take a
19 break now for lunch, and we can come back at 1:30 or
20 so. 1:30. If you can come back at 1:30. We'll take a
21 break for now.

22 MS. MEADOWS: Mr. Chair, just for
23 clarification for the people online, it's 1:30 central
24 time that we will be back after lunch. Thank you,
25 Mr. Chair.

26 _____

1 (PROCEEDINGS ADJOURNED UNTIL 1:30 PM)

2

3 (PROCEEDINGS RECOMMENCED AT 1:36 PM)

4 THE CHAIR: So we have our presenters here
5 this afternoon. I would like to call CIRNAC to have
6 their presentation. Before you go on to the
7 presentation, I would like to have legal counsel take
8 the floor.

9 Teresa.

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

12 So, Mr. Chair, if I can have the witnesses state
13 and spell their name for the record, please.

14 MS. WILSON: Christine Wilson,
15 C-H-R-I-S-T-I-N-E; Wilson, W-I-L-S-O-N.

16 MR. KEIM: Thank you, Mr. Chair. It's
17 Andrew Keim, A-N-D-R-E-W K-E-I-M.

18 MS. MEADOWS: Thank you.

19 CHRISTINE WILSON and ANDREW KEIM, Sworn

20 MS. MEADOWS: Teresa Meadows, legal counsel
21 for the Nunavut Water Board.

22 So, Mr. Chair, I have hard copies of the
23 presentation materials that were filed in advance of
24 the public hearing and on which Crown-Indigenous
25 Relations and Northern Affairs intends to rely at this
26 public hearing, and I propose to mark those as the next

1 exhibits in this public hearing. And, Mr. Chair, those
2 are my procedural matters.

3 EXHIBIT 5 - Hard Copy, PowerPoint
4 Presentation, Municipality of Chesterfield
5 Inlet Application for Type "A" Water Licence
6 3AM-CHE----, Nunavut Water Board Public
7 Hearing November 15-16, 2023 (English)

8 EXHIBIT 6 - Hard Copy, PowerPoint
9 Presentation, Municipality of Chesterfield
10 Inlet Application for Type "A" Water Licence
11 3AM-CHE----, Nunavut Water Board Public
12 Hearing November 15-16, 2023 (Inuktitut)

13 THE CHAIR: Thank you, Teresa.

14 So, Crown-Indigenous Relations and Northern
15 Affairs, go ahead with your presentation.
16 Presentation by Crown-Indigenous Relations and Northern
17 Affairs Canada

18 MS. WILSON: Thank you.

19 Crown-Indigenous Relations will be referred to as
20 "CIRNAC" from herein.

21 I'd like to thank the Nunavut Water Board for
22 organizing this public hearing and giving us the
23 opportunity to present CIRNAC's position on the
24 application to renew and amend Type "A" water licence
25 3AM-CHE---- submitted by the Government of Nunavut,
26 Department of Community Services, on behalf of

1 Chesterfield Inlet.

2 For simplicity, I'll refer to the Nunavut Water
3 Board as the "Board" and for the -- for Chesterfield
4 Inlet as the "Applicant".

5 My name is Christine Wilson. I am a water
6 management coordinator with CIRNAC's water resource
7 division. Joining me is Andrew Keim, manager of water
8 resources.

9 This presentation will proceed in the following
10 order starting with CIRNAC's roles and
11 responsibilities, contributions to the water licence
12 review, the technical review comments and
13 recommendations submitted to the Board, and, finally,
14 the presentation will wrap up with a summary of
15 actual -- actionable commitments and questions.

16 CIRNAC is a regulatory intervenor. Water
17 resources works to protect, conserve, and increase
18 Nunavummiut's understanding of Nunavut's water
19 resources. CIRNAC provides advice to the Board on
20 matters of water licencing under Article 13 of the
21 Nunavut Land Claims Agreement. It supports water
22 planning and policy development and development of
23 water monitoring programs in Nunavut.

24 CIRNAC's responsibilities, mandate, and
25 obligations are in line with the pieces of legislation
26 shown on the slide.

1 As the Board has explained in their introduction
2 and application history, GN-CGS on behalf of the
3 Applicant provided the Board with a renewal-amendment
4 application and supporting documents for a Type "A"
5 water licence.

6 All of CIRNAC's recommendations are currently
7 considered either resolved or resolved by commitment.
8 We have used the term "resolved" to indicate that a
9 resolution was found between CIRNAC and the Applicant
10 or "resolved by commitment" to indicate the Applicant
11 and CIRNAC have agreed on a path forward to resolution.
12 We will provide an elaboration on each commitment
13 further in the presentation.

14 I will move on to the technical review
15 recommendations starting with Recommendation 1. Daily
16 water use has been metered from the water supply
17 facility rather than the freshwater intake at First
18 Lake. The freshwater intake at First Lake is used only
19 approximately two weeks during the annual resupply. In
20 accordance with the Applicant's current water licence,
21 the Applicant is required to meter freshwater obtained
22 from the source or First Lake, not the water supply
23 facility.

24 CIRNAC recommends that the daily water use be
25 metered at First Lake and the volumes be provided in
26 the annual report under Monitoring Station CHE-1. The

1 Applicant committed to recording daily freshwater
2 volumes from First Lake in the annual report. CIRNAC
3 considers this issue resolved -- resolved by
4 commitment. Sorry.

5 The Applicant's current water licence states the
6 licensee shall record -- shall measure and record in
7 cubic metres the daily, monthly, and annual quantities
8 of water extracted for all purposes at Monitoring
9 Program Station CHE-1 and water extracted at the water
10 supply facility pump house.

11 The application has committed to recording daily
12 water volumes at First Lake intake to meet the
13 conditions of the licence. An additional monitoring
14 station will be required at the water supply facility.

15 CIRNAC recommends an additional monitoring station
16 be added at the water supply facility CHE-1a. This
17 condition CIRNAC believe to be resolved by commitment,
18 though based on the GN's previous presentation,
19 clarification is required by CIRNAC.

20 CIRNAC reviewed the quality assurance and quality
21 control plan that was provided with the application.
22 CIRNAC noted that Monitoring Station CHE-2 was not
23 referred to in the QA/QC plan and recommended that an
24 addendum be submitted to the Board. The Applicant
25 agreed with the recommendation and resubmitted the plan
26 July 11th. CIRNAC reviewed the plan and considers this

1 issue resolved.

2 CIRNAC reviewed the operation and maintenance plan
3 for the solid waste facility, which included hazardous
4 waste management. CIRNAC noted contradictory
5 information, which -- included in Block 14 of the
6 application regarding the use of the local landfarm for
7 disposal of contaminated soils. The Applicant
8 clarified information in a response to CIRNAC on
9 June 29th. CIRNAC considers this issue to be resolved.

10 CIRNAC reviewed the operation and maintenance plan
11 for the solid waste facility and noted that the GPS
12 coordinates provided were incorrect. The Applicant
13 agreed to provide the GPS locations to be collected
14 with a CIRNAC inspector and resubmitted to the Board
15 within one year. CIRNAC considers this recommendation
16 to be resolved by commitment.

17 CIRNAC reviewed the operation and maintenance plan
18 for the sewage disposal facility. Currently, sewage is
19 disposed of in a detention cell or lagoon-style
20 facility. The operation and maintenance plan detailed
21 sample -- sampling, which was required for adequate
22 sludge management.

23 CIRNAC recommended that sludge characterization is
24 completed prior to removal or disposal of sludge. The
25 Applicant agreed that if sludge is removed from the
26 facility, sampling would take place prior to disposal.

1 CIRNAC considers this recommendation to be resolved by
2 commitment.

3 CIRNAC reviewed the operation and maintenance plan
4 for the sewage disposal facility and noted an error in
5 Section 8 regarding CHE-4. The Applicant resubmitted
6 the plan with the corrections on July 11th. CIRNAC
7 considers this recommendation resolved.

8 CIRNAC reviewed the operations and maintenance
9 plan for the sewage disposal facility and noted an
10 issue with the GPS locations for the monitoring
11 stations in Table 3, Section 8. The Applicant agreed
12 to confirm the monitoring locations with an inspector
13 and resubmit the plan to the Board. CIRNAC considers
14 this recommendation to be resolved by commitment.

15 In accordance with the current water licence,
16 Part F, Items 6 and 7, the Applicant was required to
17 conduct geotech inspections of engineered structures in
18 the community and provide a report to the Board for a
19 review annually. CIRNAC found no record of a
20 geotechnical inspection on the Board's FTP website
21 during the term of this current licence.

22 On March 29th, the Applicant and CIRNAC met to
23 discuss this condition. The Applicant raised concern
24 with the type and frequency of inspections required for
25 the structures found in this community. The Applicant
26 committed to providing a report analyzing the type and

1 frequency of inspections required by types. The report
2 will be submitted no later than March 31st, 2025.

3 CIRNAC recommended that an additional 15 days is
4 added to the 60-day submission deadline for the reports
5 detailed in Part F, Item 6 and 7, of the current
6 licence. CIRNAC considers this issue to be resolved by
7 commitment.

8 Five resolved conditions and four resolved by
9 commitment -- sorry -- recommendations. You can see, I
10 believe -- Recommendation 2 requires GN to clarify if
11 they will be providing -- Recommendation 2 is -- may
12 not be resolved at this point until we have information
13 from the GN if they will be submitting the volumes used
14 at the water supply facility.

15 The summary of next -- summary of next steps.
16 Resolved issues requiring further action are
17 Recommendation 2, collection of data and including it
18 in the annual report; Recommendation 5, collection of
19 location data during the 2023 field season, which
20 should be corrected to the 2024 field season;
21 Recommendation 6, complete sludge analysis prior to the
22 commissioning of the future sewage facilities;
23 Recommendation 8, collection of location -- during the
24 2023 and 2024 field season; and, finally,
25 Recommendation 9, the data collection and report
26 developed by 2025.

1 CIRNAC will continue to work with GN-CGS and
2 Applicants through water licence application review
3 process with the aim of protecting Nunavut's inland
4 waters while promoting sustainable development.

5 I'd like to say -- I would like to thank the
6 Nunavut Water Board for holding this public hearing and
7 to the Applicant for their efforts in addressing our
8 comments. This will conclude our presentation. We
9 will now take any questions.

10 THE CHAIR: Okay. Thank you. Thank you
11 CIRNAC for your presentation.

12 Now open up for questions. We will start with the
13 Applicant.

14 Questioning of Crown-Indigenous Relations and Northern
15 Affairs Canada

16 THE CHAIR: GN-CGS, you may start asking
17 questions, if you have a question to the presentation
18 by CIRNAC.

19 MS. CLOUTER: Thank you, Chair. No -- Kayla
20 Clouter, GN-CGS.

21 No questions from myself or Megan Lusty. Thank
22 you.

23 THE CHAIR: Thank you.

24 Environment and Climate Change Canada, do you have
25 a question to CIRNAC's presentation?

26 MS. MALLON: Stephinie Mallon, Environment

1 and Climate Change Canada.

2 We have no questions. Thank you.

3 THE CHAIR: Thank you.

4 Members of the public, do you have any questions
5 to CIRNAC's presentation?

6 Okay. I take that there's no questions.

7 Let's call the Water Board staff. Do you have
8 questions?

9 MS. AUTUT: Thank you, Mr. Chair.

10 Stephanie Autut with the Nunavut Water Board.

11 Yes, Mr. Chair. The staff do have some
12 questions -- clarification questions at this time.
13 Thank you.

14 THE CHAIR: Thank you. Go ahead.

15 MR. SHAIKH: Thank you, Mr. Chair. This is
16 Mohammad Ali with the Nunavut Water Board.

17 I would just like the GN to respond to CIRNAC's
18 Comment Number 2, whether they will be able to stick
19 with the commitment as was discussed during the
20 technical meeting. This is CIRNAC's presentation
21 Slide Number 6.

22 MS. CLOUTER: Kayla Clouter, GN-CGS. Thank
23 you.

24 So in terms of Recommendation 2 regarding
25 Monitoring Location CHE-1a, we have committed to
26 continue reporting quantities from the water supply

1 facility as we have been. So that is monthly and
2 annual quantities from the facility with daily
3 quantities being provided from that new monitoring
4 location, CHE-1a, as that is the water supply lake.
5 Thank you.

6 MR. SHAIKH: Thank you, Kayla.

7 CIRNAC, would you like to respond?

8 MS. WILSON: Thank you. This is Christine
9 Wilson.

10 Yes. So they have confirmed the original
11 commitment, that they will provide that information if
12 an additional monitoring station is put into the
13 licence. Thank you.

14 MS. AUTUT: Thank you, Mr. Chair. We have
15 no further questions.

16 THE CHAIR: Thank you.

17 Panel members, do you have any questions to
18 CIRNAC?

19 MS. SILOU: No questions. Sarah. Thank
20 you.

21 THE CHAIR: Thank you.

22 Okay. Thank you, CIRNAC, for your presentation.

23 Now, I'd like to turn to Item 14 to 16 in the
24 agenda, presentations and questioning of associations,
25 agencies, or members of the public who wish to make a
26 presentation or speak to the Board. Teresa and then

1 CIRNAC.

2 Go ahead, Teresa.

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

5 So two items, Mr. Chair. The first is that -- I
6 believe that Crown-Indigenous Relations and Northern
7 Affairs maybe had another -- was there another item
8 that was -- where you're -- were not very clear on the
9 resolution? Everything's adequate. All right.

10 The second thing is is that, Mr. Chair,
11 Environment and Climate Change Canada has also provided
12 presentation materials, and I'm assuming will be
13 presenting next in the order of presentations. We were
14 not certain when the agenda was first developed whether
15 or not Environment and Climate Change Canada would be
16 able to participate, but they are online. So it's my
17 understanding that they will be able to make this
18 presentation.

19 And so, Mr. Chair, if you will indulge me, I would
20 ask Stephinie Mallon to state and spell her name for
21 the record, and then we can affirm her. Thank you,
22 Mr. Chair.

23 THE CHAIR: Thank you for that direction.

24 We'd like to call Environment and Climate Change
25 Canada. If you have any presentation, you may do so.
26 Thank you.

1 MS. MALLON: Perfect.

2 My name is Stephinie Mallon. It's spelled
3 S-T-E-P-H-I-N-I-E M-A-L-L-O-N.

4 STEPHINIE MALLON, Affirmed

5 MS. MEADOWS: Teresa Meadows, legal counsel
6 for the Nunavut Water Board.

7 So, Mr. Chair, I have a hard copy of the
8 PowerPoint presentation materials that were filed by
9 Environment and Climate Change Canada in advance of the
10 public hearing, and I propose to mark those as the next
11 exhibit in this public hearing. And thank you,
12 Mr. Chair. Those are my procedural matters.

13 EXHIBIT 7 - Hard Copy, PowerPoint
14 Presentation, Hamlet of Chesterfield Inlet
15 Type A Water Licence Application Public
16 Hearing Presentation by Environment and
17 Climate Change Canada (English)

18 THE CHAIR: Thank you, Teresa.

19 So, Environment and Climate Change Canada, go
20 ahead with your presentation.

21 Presentation by Environment and Climate Change Canada

22 MS. MALLON: So --

23 MS. MEADOWS: Ms. Mallon, I can confirm that
24 we were seeing the sharing of your screen, but we are
25 not now.

26 MS. MALLON: Okay. Sorry. I think it

1 showed the wrong screen, so give me one second while I
2 navigate this. I'm used to -- okay. It should be
3 that. Are you seeing the presentation now?

4 MS. MEADOWS: Yes, we are. Thank you.

5 MS. MALLON: Okay. Perfect. Thank you.

6 Good afternoon, Mr. Chair, Board members, Elders,
7 community members, Board staff, and fellow intervenors.
8 My name is Stephinie Mallon, and I'm an acting senior
9 environmental assessment officer with Environment and
10 Climate Change Canada.

11 Today I will be presenting on our contribution in
12 the Hamlet of Chesterfield Inlet water licence
13 amendment process. Apologies that we do not at this
14 time have a translated version of this presentation.
15 One will be provided to the Board following the public
16 hearing.

17 I will start by presenting the department's
18 mandate, briefly touch on the acts and legislation
19 relevant to Environment and Climate Change Canada, and
20 then outline the comments and recommendations provided
21 in Environment and Climate Change Canada's technical
22 review of the water licence amendment application.

23 Environment and Climate Change Canada's mandate
24 includes the preservation and enhancement of the
25 quality of the natural environment, including water,
26 air, and soil quality, and the coordination of the

1 relevant policies and programs of the Government of
2 Canada. It also includes renewable resources such as
3 migratory birds and other non-domestic flora and fauna,
4 meteorology, and the enforcement of rules and
5 regulations.

6 Environment and Climate Change Canada's mandate is
7 governed by the Department of the Environment Act, The
8 Canadian Environmental Protection Act, the pollution
9 prevention provisions of the Fisheries Act, The
10 Migratory Birds Convention Act, and The Species At Risk
11 Act.

12 Environment and Climate Change Canada submitted
13 five technical review comments in the current process.
14 All of our comments were resolved by the clarifications
15 and commitments submitted by the Applicant to the
16 Nunavut Water Board on May 3rd, 2023. Environment and
17 Climate Change Canada is continuing to participate in
18 this amendment application process in observer status.

19 I will now provide further detail on Environment
20 and Climate Change Canada's technical comments and
21 recommendations. For your convenience, a list of our
22 technical comments is also presented in Annex 1 of this
23 presentation.

24 Environment and Climate Change Canada recommended
25 that open burning be limited on-site where possible and
26 that alternative waste management practices be

1 explored. Furthermore, if open burning of waste was
2 required, Environment and Climate Change Canada asked
3 for confirmation that appropriate meteorological
4 conditions be met beforehand. This comment was
5 considered resolved by commitment, that appropriate
6 meteorologic conditions will be met for open burning.

7 Environment and Climate Change Canada asked if any
8 sludge monitoring was planned, the frequency of the
9 monitoring, and to clarify if the sewage facility is
10 having decreased treatment performance based on sludge
11 volumes. This comment was considered resolved by the
12 clarification provided on sludge management procedures.

13 Environment and Climate Change Canada requested
14 additional information on the runoff collection
15 practices for the solid waste facility, including
16 clarification that all runoff associated with the
17 facility is collected and tested prior to discharge.
18 This comment was considered resolved by the
19 clarification provided regarding runoff sampling
20 procedures and results.

21 Environment and Climate Change Canada noted a
22 clerical error in the operations and maintenance plan.
23 This comment was considered resolved by the
24 clarification provided and the commitment to update the
25 clerical error in the document.

26 Environment and Climate Change Canada noted two

1 areas where contact information was incorrect. This
2 comment was considered resolved by the commitment to
3 update the contact information in the document.

4 This concludes our presentation. Once again,
5 thank you to everyone for your attention, and thank you
6 to the Nunavut Water Board for the opportunity to
7 contribute to this process. And I would be open to any
8 questions.

9 THE CHAIR: Thank you, Environment and
10 Climate Change Canada, for the intervention.

11 We'll open up for questions.

12 Questioning of Environment and Climate Change Canada

13 THE CHAIR: We'd like to start with the
14 Applicant and CGS. If you have any questions, you may
15 do so.

16 MS. CLOUTER: Kayla Clouter, GN-CGS. Thank
17 you, Chair.

18 No questions from us. Thank you.

19 THE CHAIR: Thank you.

20 CIRNAC, do you have any questions?

21 MS. WILSON: Christine Wilson. We have no
22 questions. Thank you.

23 THE CHAIR: Thank you.

24 Members of the public, if you have any questions
25 to the Environment and Climate Change Canada
26 intervention.

1 MR. SAMMURTOK: (INUKTITUT SPOKEN -
2 INTERPRETATION NOT PROVIDED)

3 THE CHAIR: Thank you.

4 Water Board staff, do you have any questions?

5 MS. AUTUT: Thank you, Mr. Chair.
6 Stephanie Autut, Nunavut Water Board.

7 The Water Board staff do not have any questions at
8 this time. Thank you.

9 THE CHAIR: Thank you.

10 Panel members, do you have questions?

11 MS. SILOU: Sarah Silou.

12 No question. Thank you.

13 THE CHAIR: Thank you, Environment and
14 Climate Change Canada, for your presentation. Thank
15 you.

16 MS. MALLON: Thank you.

17 THE CHAIR: I'd like to call at least a
18 ten-minute break before we move on with our agenda.
19 We'll have a ten-minute break.

20 (ADJOURNMENT)

21 THE CHAIR: Okay. Thank you, Teresa. Go
22 ahead.

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

25 So, Mr. Chair, we have an additional participant
26 who is on the phone line, and if I can just ask them to

1 state their name and their -- the organization that
2 they are working with. We'd appreciate having that for
3 the Board's record of the public hearing.

4 THE CHAIR: Thank you. Go ahead.

5 MR. HOOEY: Yes. Good afternoon.

6 Sorry. I just want to confirm you can hear me.

7 MS. MEADOWS: Thank you.

8 We can hear you, but you are a little bit muffled.
9 So if you can speak slowly and clearly, that would be
10 much appreciated.

11 MR. HOOEY: Okay. This is Stephen Hooey.
12 I am with the Government of Nunavut, Department of
13 Community and Government Services, and I'm the director
14 of the community infrastructure division.

15 MS. MEADOWS: Thank you.

16 Can you spell your last name for us, please.

17 MR. HOOEY: Certainly. I'll spell it all.
18 The first name is S-T-E-P-H-E-N, and my last name is
19 H-O-O-E-Y.

20 MS. MEADOWS: Thanks very much. Teresa
21 Meadows, legal counsel for the Nunavut Water Board. We
22 appreciate that. Thank you for giving us that update.

23 Thank you, Mr. Chair. Teresa Meadows, legal
24 counsel for the Nunavut Water Board.

25 And, Mr. Chair, for those of who are seeing
26 "rdwyer" on the line, that is Richard Dwyer, who is the

1 Water Board's manager of licencing. So it is not -- it
2 is not someone from outside the organization calling
3 in. And, Mr. Chair, I believe that is all of the
4 participants that we have on Zoom.

5 Is there anyone else, Robert? No. That's all we
6 have on Zoom. So thank you, Mr. Chair. Those are my
7 procedural matters.

8 THE CHAIR: Thank you.

9 Yeah. It's kind of an unusual public hearing. We
10 have here with us quite a few on the Zoom who is not --
11 physically not in the present. Kind of for me to --
12 kind of to keep tracking them, invisible people. Sorry
13 about that. Yeah. Anyway, I'd like to move on with
14 our agenda.

15 On the Item 17 in our agenda, GN-CGS, do you wish
16 to make any comments to reply to submissions of the
17 intervenors?

18 MS. CLOUTER: Kayla Clouter, GN-CGS. Thank
19 you, Chair.

20 We have no comments or replies to make at this
21 time. Thank you so much.

22 THE CHAIR: Thank you.

23 Now, let's call for each party to provide brief
24 closing remarks starting with intervenors and ending
25 with Applicant.

26 I'd like to call brief closing remarks by CIRNAC.

1 Go ahead.

2 Closing Remarks by Crown-Indigenous Relations and
3 Northern Affairs Canada

4 MS. WILSON: Christine Wilson.

5 Thank you, everyone, for the -- we have no other
6 remarks. Thank you.

7 THE CHAIR: Thank you.

8 I'd like to call Environment and Climate Change
9 Canada.

10 Closing Remarks by Environment and Climate Change
11 Canada

12 MS. MALLON: Stephinie Mallon, Environment
13 and Climate Change Canada.

14 We have no further remarks. Thank you.

15 THE CHAIR: Thank you.

16 Applicant.

17 Closing Remarks by the Hamlet of Chesterfield Inlet

18 MR. IVEY: We have no remarks. Thank
19 you.

20 THE CHAIR: Thank you.

21 GN-CGS.

22 Closing Remarks by Nunavut of Government, Community and
23 Government Services

24 MS. CLOUTER: Kayla Clouter, GN-CGS. Thank
25 you, Mr. Chair.

26 We would just like to take this opportunity to

1 thank the Municipality of Chesterfield Inlet for
2 continuing to work towards meeting the conditions of
3 their water licence and allowing GN-CGS to work with
4 them through the renewal process.

5 We would also like to take the opportunity to
6 thank the Nunavut Water Board, CIRNAC, and Environment
7 and Climate Change Canada as intervenors just in
8 collaborating --

9 MS. MEADOWS: Kayla.

10 MS. CLOUTER: -- ahead of this public
11 hearing to resolve --

12 MS. MEADOWS: Ms. Clouter.

13 MS. CLOUTER: -- or resolve by commitment --

14 MS. MEADOWS: If you can --

15 MS. CLOUTER: -- all the comments that we
16 have received.

17 MS. MEADOWS: I'm just going to ask --

18 MS. CLOUTER: Yes. Thank you.

19 MS. MEADOWS: I'm just going to ask you to
20 start again and slow down. Pause at the end of each
21 sentence. Our interpreters are racing to keep up, and
22 we've got lots of time this afternoon. So feel free to
23 take your time.

24 MS. CLOUTER: Sorry about that. Thank you
25 so much.

26 So, yeah, we just want to thank the Municipality

1 of Chesterfield Inlet for continuing to work towards
2 the commissions of their water licence. We also wanted
3 to thank them for allowing us to work with them through
4 this renewal and amendment process.

5 We also want to thank the Nunavut Water Board,
6 CIRNAC, and Environment and Climate Change Canada just
7 as intervenors and collaborating with GN-CGS ahead of
8 this public hearing to resolve all of the commitments
9 and comments received.

10 THE CHAIR: Go ahead, Teresa.

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

13 So, Mr. Chair, as it does not happen very often,
14 we are well ahead of schedule even though we started
15 late today. So I would like to thank everyone for
16 being very efficient and very focused, but we also have
17 an evening session coming up tonight with the
18 community.

19 So this is the part in the hearing where normally
20 what we would be doing is having closing remarks from
21 the Chair, but because we have not yet heard from the
22 community, we will defer that until the close of the
23 community session this evening.

24 And, Mr. Chair, if there are any final questions
25 or comments from any party, if they can just identify
26 that they have those additional questions or comments,

1 we can deal with them now. But, if not, what I would
2 suggest is that we adjourn until 7:00 tonight at which
3 time we will have the community information session,
4 and depending on what time that closes out and what
5 time the questions have been dealt with from the
6 community, Mr. Chair may close out the public hearing
7 with his remarks, or we may defer that until first
8 thing tomorrow morning.

9 So with that, Mr. Chair, I will stop there, and if
10 there are any final questions or comments that need to
11 be addressed this afternoon, I will leave it there.

12 THE CHAIR: Thank you, Teresa.

13 Mayor of Chesterfield Inlet, I think, final --
14 want to say. Thank you.

15 Comments by the Mayor of Chesterfield Inlet

16 MR. SAMMURTOK: (INUKTITUT SPOKEN -
17 INTERPRETATION NOT PROVIDED) the staff, I thank you
18 very much. I'm hoping you all have public tonight
19 because it's working hours right now, and it'll be --
20 but I'd like to thank you. This is a very important
21 hearing. Like, and the weather is changing. Like, we
22 used to have ice in October on our seawater, but now
23 it's all clear. Still no ice yet because of climate
24 change.

25 And we even seem to have fog in the wintertime.
26 We never used to have fog during the winter months.

1 These are really affecting our waters. We have to be
2 very careful. We need to do a lot of work, and we need
3 to -- like, we all see the difference.

4 But thanks a lot for coming, and as our community
5 in Chester has so much to do, we have to continue
6 working together. Thank you.

7 THE CHAIR: Qujannamiik, Mr. Mayor.

8 Let's adjourn for now. Come back here at 7 -- oh,
9 by 6:30 or so to get ready for 7:00. And then after
10 the community session, like lead counsel said, I'll do
11 my closing remarks right after the community session.
12 Thank you. See you again tonight.

13

14 (PROCEEDINGS ADJOURNED UNTIL 7:00 PM)

15

16 (PROCEEDINGS RECOMMENCED AT 7:32 PM)

17 Community Session Opening Remarks by the Chair

18 THE CHAIR: Welcome to the community
19 session for the Nunavut of Water Board's public hearing
20 in relation to the renewal-amendment application
21 submitted by the Hamlet of Chesterfield Inlet via its
22 representative, Government of Nunavut, Community and
23 Government Services -- I will refer to as the "Hamlet",
24 "GN-CGS", or "Applicant" -- with the Nunavut Water
25 Board for water licence 3AM-CHE----.

26 My name is Lootie Toomasie. I am the Chair of

1 Nunavut Water Board. While I was chairing this
2 morning, I'm going to ask Stephanie Autut, the NWB's
3 executive director, to chair tonight's session.

4 Stephanie.

5 MS. AUTUT: All right. Thank you,
6 Mr. Chair.

7 So tonight's session is part of the Water Board's
8 public hearing to consider the replacement of the
9 expired water licence which authorizes the use of water
10 and deposit of wastes associated with the water and
11 waste management infrastructure at Hamlet of
12 Chesterfield Inlet's municipal undertaking.

13 So this is an opportunity for the Applicant, the
14 intervenors, and members of the community to present
15 their final comments, concerns, and questions about the
16 application to the Water Board before the Board makes
17 its decision about the renewal-amendment application.

18 The Board appreciates you all coming out to
19 participate in this important meeting.

20 Before we get started, I would like to ask Mary
21 Rose to once again provide us with an opening prayer.
22 Opening Prayer

23 MS. AUTUT: Thank you, Mary Rose.

24 So, David, thanks for attending. We're going to
25 begin the presentations. Recognizing you were here
26 this morning, we're not -- I won't need to go through

1 all the introductory comments again that you heard from
2 the chairman this morning.

3 I will point out that the presentations are
4 available at the back table. Robert has the ability to
5 answer any questions you might have related to the
6 presentations, and if you do need the interpreting
7 equipment, Robert can provide that to you as well.

8 We will get started with a presentation by the
9 staff at the Nunavut Water Board.

10 So, Karen, if you and Ali can offer us that
11 presentation, that would be appreciated. Thank you.

12 MR. KHARATYAN: Thank you, Stephanie.

13 Ali -- or Mohammad Ali Shaikh, who works on this
14 file, will make a presentation. Thank you.

15 THE CHAIR: Go ahead.

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

18 So, Mr. Chair, I have a hard copy of this
19 PowerPoint presentation, and I propose to file it as
20 the next exhibit in this public hearing. And those are
21 my procedural matters, Mr. Chair.

22 EXHIBIT 8 - Hard Copy, PowerPoint
23 Presentation, Public Hearing for Hamlet of
24 Chesterfield Inlet Application for Type "A"
25 Water Licence (English/Inuktitut)

26 THE CHAIR: Thank you.

1 Go ahead.

2 Community Session Presentation by the Nunavut Water
3 Board

4 MR. SHAIKH: Thank you, Mr. Chair.

5 Good evening, everyone. My name is Mohammad Ali
6 Shaikh. I'm a technical advisor with the Nunavut Water
7 Board, and I will be delivering this presentation
8 tonight.

9 Starting on Slide Number 2, we will go over the
10 Nunavut Water Board's background, type of
11 authorizations issued by the Board, the Water Board's
12 licencing process, overview and scope of the
13 application, the procedural history, followed by next
14 steps in the application, and then we'll have some time
15 for questions.

16 The Nunavut Water Board is an institution of
17 public government, or IPG, established under Article 13
18 of the Nunavut Agreement. The Nunavut Water Board has
19 responsibilities and powers over the regulation, use,
20 and management of freshwater in the Nunavut settlement
21 area.

22 The objective of the Nunavut Water Board is to
23 provide conservation and utilization of waters in
24 Nunavut, except in a national park, in a manner that
25 will provide the optimum benefit from those waters for
26 Nunavut's residents in particular and Canadians in

1 general.

2 On to Slide Number 5. Based on the Water Board's
3 mandate and the Nunavut water regulations, the Board
4 may issue one of the following authorizations for the
5 use of water and/or deposit of waste.

6 The first one is an authorization without a
7 licence, which is issued if the use of water is less
8 than 50 cubic metres per day. If the requirement of
9 water is between 50 and 299 cubic metres per day, then
10 a Type "B" licence is required. If the use is more
11 than 300 cubic metres per day, which is in this case, a
12 Type "A" licence is required.

13 I will now briefly go over the Type "A" licencing
14 process. So the process starts with the NWB receiving
15 the application. It confirms classification of the
16 undertaking and type of license as a Type "A" license.
17 After this, the Water Board conducts a concordance
18 review, and, if required, the Applicant provides
19 additional information.

20 Once the application is deemed complete, the NWB
21 issues a notice of application and requests a technical
22 review and submission of comments and information
23 requests with a 30-day minimum timeline.

24 On to next slide. Parties submit written
25 representations. At this stage, if required, the
26 Applicant provides additional information or

1 clarification.

2 The next step is the technical meeting and
3 pre-hearing conference, or TM and PHC. Followed by the
4 technical meeting, the NWB issues a pre-hearing
5 conference decision. At this stage, again, if directed
6 by the PHC decision, the Applicant may provide
7 additional information. After that, the NWB issues a
8 notice of public hearing 60 days ahead.

9 During these 60 days, parties exchange written
10 interventions and prepare for the public hearing. Then
11 the NWB holds the public hearing, which is the stage
12 where we are at right now.

13 Followed by this public hearing, the NWB may issue
14 a decision to approve or not approve the application
15 with its reasons to the Minister of Northern Affairs.
16 Followed by this, the Minister may decide to approve or
17 not approve the NWB's decision.

18 I will now go over a quick overview over the
19 Hamlet of Chesterfield Inlet located in the Kivalliq
20 region. The current population is 397 based on a 2021
21 census. The projected population in 2033 is
22 489 residents. Chesterfield falls under the Wilson
23 watershed area.

24 The previous license held by the Hamlet was a
25 Type "B" license, which expired on May 14th, 2023. The
26 water use authorized under the expired licence was

1 23,000 cubic metres per year. The new Type "A" license
2 application requests a term of ten years.

3 The water use requested is the same, that is
4 23,000 cubic metres per annum, and a request to
5 withdraw up to 2,000 cubic metres of water per day from
6 First Lake during the open water season to fill the
7 community's water reservoir.

8 The scope of the application includes withdrawal
9 of water from First Lake to support community needs,
10 continued operation and maintenance of the following
11 municipal facilities: Water supply facilities, which
12 include a pump station at First Lake, overland water
13 supply pipeline, water storage reservoir, and a
14 truck-fill station; the sewage disposal facilities
15 include two sewage detention cells and a wetland area
16 for supplementary treatment; and a solid waste disposal
17 facility.

18 I will now briefly go over the procedural history
19 of the application. So the Water Board received the
20 application on March 20th.

21 On March 22nd, they acknowledged the receipt of
22 application and determined that it meets the
23 requirements for public distribution and invited
24 interested parties to conduct an initial completeness
25 check by April 12, 2023.

26 On April 12, we received information requests from

1 Crown-Indigenous Relations and Northern Affairs Canada,
2 Environment and Climate Change Canada, and Department
3 of Fisheries and Oceans. The Applicant provided
4 responses on May 3rd.

5 On May 9th, CIRNAC and ECCC accepted Applicant's
6 responses and stated they were ready to move to the
7 next step of the process.

8 On May 23rd, the NWB provided a public notice of
9 application and commenced a 24-day technical review
10 period. Included in this correspondence were timelines
11 for the technical meeting and pre-hearing conference.

12 On June 15, CIRNAC requested extension to submit
13 comments by June 21. On June 21, parties submitted
14 their technical review comments. Responses were
15 received from the Applicant on June 29th.

16 July 6th, the NWB distributed the draft agenda for
17 the technical meeting and pre-hearing conference.

18 On July 13th, the NWB received confirmation of
19 participation and presentation documents from CIRNAC
20 and the Applicant.

21 On July 14th, the Water Board provided
22 correspondence with the final agenda for the technical
23 meeting and pre-hearing conference.

24 On July 19th, the NWB hosted the technical meeting
25 and pre-hearing conference via teleconference, which
26 was followed by a community session in the evening.

1 On August 25th, the pre-hearing conference
2 decision was issued. This decision provided the Board
3 panel's direction that the public hearing be conducted
4 in person and proposed timelines for a pre-hearing
5 exchange of information by parties and public. On
6 August 25th, the Water Board also issued a notice of
7 written public hearing.

8 On November 2nd, the NWB provided the final
9 agendas for the public hearing and community session.

10 And today, November 15th, the NWB panel, P24,
11 conducted the public hearing in person, including this
12 community session in the Hamlet of Chesterfield Inlet.

13 Moving to Slide 19. The Nunavut Water Board
14 encourages everyone to participate in the public
15 hearing and the community session. Any interested
16 persons or parties can contact the NWB staff if they
17 need to provide written comments or review any
18 application documents. All documents received during
19 this application process are available on the Water
20 Board's FTP site.

21 Now, on to the next steps in the application
22 process. This week's public hearing is chaired by the
23 Board panel and led by the Board's Chair. The NWB
24 panel is here to consider the evidence provided during
25 the hearing before issuing a decision in about 30 to
26 45 days. The NWB will inform the public of the Board's

1 decision once rendered.

2 This is contact information for the NWB staff with
3 their email addresses. And now we have time for
4 questions. Thank you.

5 MS. AUTUT: Thank you, Ali.

6 So we'll open the floor to the public, if you have
7 any questions for the Water Board before we move on to
8 the next presentation. You're good? Okay. Thank you.

9 So we're going to turn the mic over to the
10 Applicant who is going to make a brief presentation
11 about the renewal-amendment application that we're
12 discussing at this hearing.

13 So GN, Community and Government Services, please
14 commence your presentation.

15 Community Session Presentation by the Government of
16 Nunavut, Community and Government Services

17 MS. CLOUTER: Kayla Clouter, GN-CGS. Thank
18 you, Chair.

19 I will share my screen.

20 MS. AUTUT: So, Kayla, before you get
21 started, just a friendly reminder to please keep your
22 speed at a reasonable level, and if you could pause at
23 the end of a sentence to allow the interpreters to
24 catch up, that would be much appreciated.

25 MS. CLOUTER: Yes. Thank you.

26 If somebody could just confirm for me when you're

1 able to see ...

2 MS. AUTUT: Kayla, it's Stephanie.

3 And, yes, we can see your presentation. Thank
4 you.

5 MS. CLOUTER: Thank you so much.

6 This presentation was created for the Nunavut
7 Water Board public hearing for the water licence
8 renewal and amendment to Chesterfield Inlet Type "A"
9 water licence, 3AM-CHE----.

10 We'll briefly cover the existing expired licence.
11 The previous licence was issued on May 15th, 2015. It
12 expired on May 14th, 2023. And the scope of the
13 license allowed for the use of water and the deposit of
14 waste for municipal undertaking.

15 This application is for the renewal of the
16 existing licence and an amendment to change to a
17 Type "A" license. This change is to reflect the higher
18 daily withdrawals during the annual resupply period.

19 To give some background on the water supply
20 infrastructure, First Lake is the domestic water supply
21 for the Municipality of Chesterfield Inlet. The
22 watershed is frozen for seven to nine months out of the
23 year. Therefore, a raw water reservoir must be
24 adequately supplied prior to this freeze-up.

25 Chesterfield Inlet currently uses up to
26 2,000 metres cubed per day for approximately 14 days to

1 fill the reservoir.

2 So this is an overview of the water supply
3 infrastructure in the community of Chesterfield Inlet.

4 The sewage treatment facility is located
5 approximately 2.2 kilometres west of the community.
6 The facility was upgraded in 2010, and it is comprised
7 of two truck discharge areas, two sewage detention
8 cells, and a wetland area with four small ponds and two
9 flow diversion berms.

10 These wetlands encompass an area that is
11 approximately 10.4 hectares, and effluent flows 800 to
12 1,000 metres through the wetlands into the marine
13 environment of Finger Bay on Hudson Bay.

14 This is an overview of that wastewater disposal
15 infrastructure.

16 Moving on to solid waste. The solid waste
17 disposal facility has a disposal area for municipal
18 solid waste. It has a separate bulk metal disposal
19 area and two drum storage areas. There is a
20 decommissioned landfill present between the fenced
21 municipal solid waste area and the bulk metal disposal
22 area.

23 The municipal solid waste disposal facility covers
24 an area that is approximately 24,000 metres squared,
25 and it is adjacent to and north of the sewage disposal
26 facility.

1 That is an overview of the solid waste disposal
2 infrastructure.

3 Now to a brief overview of the sampling program
4 from the previous license. CHE-1 is the raw water
5 supply intake that is at First Lake. CHE-2 is the
6 runoff from the solid waste disposal facility. CHE-3
7 is the effluent from Sewage Holding Cell 1. CHE-3a is
8 the effluent from Sewage Holding Cell 2. And CHE-4 is
9 the final discharge point for effluent from the wetland
10 treatment area prior to Finger Bay.

11 And this is an overview of those sampling points
12 in the community.

13 So moving on to the regulatory review portion. To
14 address the first comment from Environment and Climate
15 Change Canada, it was regarding sludge management, the
16 future of our sludge monitoring, whether or not sludge
17 monitoring happens on a regular basis, and if there has
18 been an indication in the decrease in treatment
19 performance.

20 Sludge in the community is observed through visual
21 inspection on an annual basis, and GN-CGS is currently
22 seeking funding to upgrade the wastewater treatment
23 facility, and this upgrade will include a sludge
24 management plan.

25 The second comment was regarding runoff collection
26 and whether runoff is collected from the solid waste

1 facility and tested prior to discharge. GN-CGS has
2 confirmed that runoff is not collected. However, there
3 has been no indication that the leachate has caused a
4 negative impact on the wetland. Monitoring stations
5 will continue to be monitored in the future.

6 Moving on to the comments from CIRNAC. The
7 comment of note, one, was regarding abandonment and
8 restoration plans. CIRNAC had recommended GN-CGS put
9 together a conceptual abandonment and restoration plan.
10 CGS's response is that the abandonment and restoration
11 plans are developed by third parties, and these third
12 parties are hired by GN-CGS at the time that a plan is
13 required, and this is because they are site and asset
14 specific.

15 The next comment of note was regarding inspection
16 reports. CIRNAC was unable to locate a report by a
17 geotechnical or municipal engineer within the last five
18 years. No such report currently exists. However, CGS
19 is currently undertaking a project to identify the type
20 of inspection, the frequency of inspection, and the
21 appropriate professionals with very specific training
22 to undertake the inspections for these assets.

23 The next comment was regarding daily volumes at
24 Monitoring Location CHE-1. It was recommended that
25 CHE-1 be reported as the daily volumes withdrawn from
26 First Lake during resupply. GN-CGS has committed to

1 reporting daily volumes pumped from First Lake during
2 the annual resupply in the annual reports.

3 The next comment was regarding a new monitoring
4 location, CHE-1a. This was a monitoring location that
5 was recommended to be at the water supply facility, and
6 this would be to monitor the daily volume of water use.
7 GN-CGS has committed to reporting the daily volumes of
8 water pumped from the water supply lake, First Lake,
9 and has committed to continuing to report monthly and
10 annual volumes that are pumped from the water supply
11 facility reservoir.

12 The next comment was regarding landfarm use and
13 whether the current landfarm is in use by the community
14 for contaminated soils. GN-CGS has confirmed with the
15 Hamlet that the landfarm is not currently in use by the
16 municipality for the remediation of contaminated soil.
17 However, should this facility need to be used for
18 remediation in the future, a letter of authorization
19 will be requested from the owner.

20 So we'll go over the renewals and amendments
21 requested for this water licence. We are requesting a
22 licence term of ten years. This is because there is no
23 change in the municipal operations, and water use is
24 not expected to increase beyond the current annual
25 limit within the next ten years based on population
26 projections.

1 We are requesting a maximum daily water withdrawal
2 of 2,000 metres cubed, and this is due to the watershed
3 being frozen for seven to nine months out of the year.
4 Therefore, the raw water reservoir must be adequately
5 supplied prior to the freeze-up.

6 We are also requesting the removal of requirements
7 that are not practical or no longer applicable. This
8 includes the submission of paper documents, as
9 everything is currently submitted electronically,
10 aligning submission deadlines with the annual report,
11 and daily waste disposal reporting. There's currently
12 no solid waste attendant position in the community.

13 So this is some contact information for myself and
14 Megan Lusty, and this is for any questions that may
15 come up regarding the water licence or municipal
16 infrastructure outside of the scope of this water
17 licence. So you can feel free to contact us at any
18 time with any of your questions or concerns.

19 Thank you. And time for some questions.

20 MS. AUTUT: Great. Thank you,
21 Ms. Clouter.

22 Are there any questions from the public for the
23 Government of Nunavut?

24 Questions/Comments from the Community

25 MS. AUTUT: Okay. Go ahead, please.

26 Please state your name for the record.

1 MR. SAMMURTOK: Yeah. My name is Simionie
2 Sammurtok, Mayor for Chesterfield Inlet.

3 I've got a question about the -- we call that
4 First Lake "Puiqsuk". We call it -- the First Lake
5 "Puiqsuk". There's fishes in there, and it's --
6 when -- the dump is in the north of the reservoir, and
7 when the dumps is put on fire, all the smoke starts to
8 go towards the reservoir, and they want to know if the
9 Government of Nunavut has any plans for this in the
10 future. From First Lake, they pump water to the
11 reservoir. They want -- he wants to know if there's
12 any plans for this.

13 MS. AUTUT: Thank you.

14 Ryan, can you confirm whether or not Zoom gets the
15 translation.

16 MR. DEMPSTER: Yeah, as long as they choose
17 the English dictation.

18 MS. AUTUT: Okay. So, Kayla, are you
19 prepared to respond to the question?

20 MS. CLOUTER: I am -- thank you. Kayla
21 Clouter, GN-CGS.

22 I'm actually not currently seeing the
23 interpretation on my screen.

24 MS. LUSTY: Hi. Megan Lusty, CGS.

25 I did receive the interpretation, and I can
26 respond to the question on behalf of GN-CGS.

1 MS. AUTUT: Thank you, Megan. Please go
2 ahead.

3 MS. LUSTY: Okay. Thank you, Mr. Mayor,
4 for your question.

5 Regarding burning practices at the dump, that is
6 something that CGS can work with the municipal staff as
7 under the recommendations of ECCC, and as per the solid
8 waste site O&M manual, burning is not a recommended
9 practice. So CGS can work with the municipal staff
10 over -- to review the recommended practices for better
11 management within your current solid waste site.

12 As far as impacts on the current municipal
13 reservoir, well, this is outside of the scope of the
14 license and falls under the jurisdiction of public
15 health. CGS works with your municipal operators in
16 taking water chemistry testing of the water within the
17 reservoir and confirm that it meets the guidelines of
18 Canadian drinking water quality and have seen no
19 impacts from nearby burning at the solid waste site.
20 Thank you.

21 MS. AUTUT: Thank you, Ms. Lusty.

22 Simionie, does that address your question?

23 MR. SAMMURTOK: He thought that reservoir was
24 too close to the dump. When the dump was put on fire,
25 all that smoke goes to the reservoir. So he was
26 concerned. When the wind is coming from the north, the

1 smoke starts going towards the reservoir from the
2 north. When there's wind from -- when there's wind
3 from the north, all that smoke starts going towards the
4 reservoir. So he was concerned about the quality of
5 the water, if that smoke affects the water.

6 MS. AUTUT: Thank you for that further
7 clarification.

8 So just in response to Ms. Lusty's comment, your
9 SAO could reach out to have a discussion about other
10 landfill management options beyond the burning, and
11 there may be an opportunity for them to assist the
12 community with -- with different options.

13 Are there any further questions from the public?

14 No?

15 MS. AUTUT: How about the intervening
16 parties? CIRNAC, any questions?

17 MS. WILSON: Christine Wilson.

18 No. We have no questions.

19 MS. AUTUT: Thank you.

20 Mr. Chair, do any of the Board members have
21 questions at this time for CG&S?

22 Questions/Comments from the Nunavut Water Board

23 THE CHAIR: No, not at this time.

24 MS. SILOU: I do.

25 THE CHAIR: You do have one?

26 MS. SILOU: Yeah. But I'm not sure

1 whether it's to them or to the Water Board. It's to do
2 with what they talked about.

3 THE CHAIR: Go ahead.

4 MS. AUTUT: Sarah.

5 MS. SILOU: Sarah Silou.

6 I'm not sure who this is addressed to, but a while
7 back, you mentioned -- we were talking about the
8 procedures, the steps, that we go through to achieve
9 what we're trying to achieve, and there was a point
10 where -- well, it looks like there's an upgrade and
11 various different things that are being added or
12 requested. And if the Water Board approves something,
13 a motion, and for whatever reason, with respect, I ask:
14 If the Minister should refuse the whole thing or the --
15 what the Water Board had approved or parts of it or
16 maybe he requires or she requires a question to be
17 answered, I wonder what happens. Do we go through it
18 all again, or do we go to what there was a question on?
19 Thank you, Mr. Chair.

20 MS. AUTUT: Thank you, Sarah. Stephanie
21 Autut, Nunavut Water Board.

22 I'm going to ask Teresa Meadows to respond to
23 that.

24 MS. MEADOWS: Thank you for the question,
25 Sarah. Teresa Meadows, legal counsel for the Nunavut
26 Water Board.

1 So what happens with water licencing decisions, so
2 the Nunavut Water Board, as you know, the Panel, will
3 be the decision-makers, and the decision-makers will
4 send a report to the Minister of Northern Affairs, and
5 the Minister will review that report. And if the Board
6 were to approve a water license, they send a water
7 licence as well. They attach a water license and the
8 terms and conditions that they would recommend.

9 If the Minister reviews the water license, the
10 Minister has a few choices. So the first choice is
11 they can accept the Water Board's decision, and the
12 license is issued on the terms and conditions that the
13 Water Board has proposed. They can reject completely
14 the Water Board's report and the water licence and
15 refuse to approve the issuance of a water licence, in
16 which case there would be no water licence at all, or
17 the Minister could also recommend variants, so changes
18 to water licence terms or conditions in the event that
19 the Minister decides that the terms are not protective
20 enough or that the terms are too onerous, to
21 restrictive.

22 And in that case, usually the Minister would write
23 back to the Water Board and say, Please reconsider
24 these terms and conditions because we don't think -- I
25 don't think that these are protective enough or we
26 think they're too stringent or we think that you should

1 revisit those terms or conditions.

2 It is very rare for that to happen fortunately.

3 In the past, the Nunavut Water Board and the Minister's
4 office, the Minister very often will approve the Water
5 Board's decision-making and issue the licence on the
6 same terms and conditions.

7 Occasionally, very rarely, it has happened where
8 the Minister has returned something to the Water Board
9 to consider one or two terms and conditions in a water
10 licence and has requested the Water Board to revisit
11 specific terms or conditions in the water licence.

12 But I hope that answered your question, Sarah.

13 MS. SILOU: Yes. Thank you.

14 Thank you, Mr. Chair.

15 MS. AUTUT: Thank you, Sarah. Stephanie
16 Autut, Nunavut Water Board.

17 I'm advised by my team here that the staff have no
18 questions for GN-CGS. So I would like to thank you for
19 your presentation.

20 And at this time, we're going to take a short
21 ten-minute break. People are welcome to the food and
22 refreshments, and when we come back from break, we're
23 going to have Crown-Indigenous Relations and Northern
24 Affairs Canada make their presentation. Thank you.

25 (ADJOURNMENT)

26 MS. AUTUT: All right. Thanks, everyone.

1 Welcome back.

2 So we're going to ask Crown-Indigenous Relations
3 and Northern Affairs Canada to provide a brief
4 presentation on the renewal-amendment application that
5 we're currently discussing.

6 Go ahead, please.

7 Community Session Presentation by Crown-Indigenous
8 Relations and Northern Affairs Canada

9 MS. WILSON: Thank you.

10 Thank you, everyone, for participating today in
11 the public hearing for Chesterfield Inlet's water
12 licence.

13 For simplicity, I will be referring to the Nunavut
14 Water Board as the "Board" and Chesterfield Inlet, the
15 Government of Nunavut, and Community and Government
16 Services, as the "Applicant".

17 My name is Christine Wilson. I am a water
18 management coordinator with Crown-Indigenous Relations
19 and Northern Affairs Canada's water resource division.
20 Joining me is Mr. Andrew Keim, the manager of water
21 resources.

22 I'll refer to Crown-Indigenous Relations and
23 Northern Affairs as "CIRNAC".

24 Just to avoid duplication, I'm going to briefly go
25 over our presentation. The information -- the majority
26 of the information has been presented in the GN's

1 presentation prior to this.

2 This presentation will go in this order: Starting
3 with CIRNAC's roles and responsibilities, our
4 contributions to the water licence process, comments
5 and recommendations, commitments, and questions.

6 CIRNAC is a regulatory intervenor. Water
7 resources works to protect, conserve, and increase
8 Nunavummiut's understanding of Nunavut's water
9 resources. CIRNAC provides advice to the Board on
10 matters of water licencing under Article 13 of the
11 Nunavut land claim. CIRNAC's responsibilities are in
12 align with the pieces of legislation shown on the
13 slide.

14 As the Board has explained in their introduction,
15 GN-CGS has provided the Board with a renewal-amendment
16 application for a Type "A" water licence. All of
17 CIRNAC's recommendations and comments are considered to
18 be resolved or resolved by commitment.

19 Recommend -- I will move on to the technical
20 review recommendations. CIRNAC has made nine
21 recommendations. Recommendation 1, daily water use was
22 metered at the water supply facility rather than the
23 freshwater intake at First Lake. The freshwater intake
24 at First Lake is used only for approximately two weeks
25 during annual resupply of the reservoir.

26 CIRNAC recommends the daily water use be metered

1 at First Lake and the volume be provided in the annual
2 report under Monitoring Station CHE-1. The Applicant
3 has committed to providing this information in the
4 annual report. CIRNAC considers this resolved by
5 commitment.

6 The Applicant has committed to recording water use
7 at First Lake. To meet the conditions of the licence,
8 an additional monitoring station is required at the
9 water supply facility. CIRNAC recommends an additional
10 monitoring station be added at the water supply
11 facility under CHE-1a. The Applicant has committed to
12 providing this information. CIRNAC considers this
13 resolved by commitment.

14 Recommendation 3, CIRNAC reviewed the quality
15 assurance/quality control plan and noted that
16 Monitoring Station CHE-2 was missing. The Applicant
17 resubmitted the plan on July 11th. CIRNAC considers
18 this issue resolved.

19 Recommendation 4, CIRNAC reviewed the operation
20 and maintenance plan for the solid waste facility and
21 noted contradictory information regarding the use of
22 the landfarm. The Applicant clarified information on
23 June 29th, and CIRNAC considered this issue resolved.

24 Recommendation 5, CIRNAC reviewed the new
25 operation and maintenance plan for the solid waste
26 facility and noted that the GPS coordinates were

1 incorrect. The Applicant agreed to provide this
2 information to the Board. This recommendation is
3 considered resolved by commitment.

4 Recommendation 6, CIRNAC reviewed the operation
5 and maintenance plan for the sewage disposal facility.
6 The plan detailed sampling of the sludge treatment upon
7 removal. CIRNAC recommends that sludge testing is
8 completed prior to removal or disposal. The Applicant
9 agreed that if sludge is removed, sampling would take
10 place. This recommendation is considered resolved by
11 commitment.

12 Recommendation 7, CIRNAC reviewed the operation
13 and maintenance plan for the sewage disposal facility
14 and noted an error. The Applicant resubmitted the plan
15 with the corrections on July 11th. CIRNAC considers
16 the issue resolved.

17 Recommendation 8, CIRNAC reviewed the operation
18 and maintenance plan for the sewage disposal facility
19 and noted an issue with the GPS locations of monitoring
20 stations. The Applicant agreed to confirm this
21 information and provide it to the Board. CIRNAC
22 considers this issue to be resolved by commitment.

23 And the last one, Recommendation 9, the current
24 water license requires inspections of engineered
25 structures in the community and a report to be provided
26 to the Board annually. No record of this inspection

1 report was available on the Board's FTP website. The
2 Applicant has agreed to providing a report analyzing
3 the type of structures and frequency of inspection by
4 March 31st, 2025. CIRNAC considers this issue resolved
5 by commitment.

6 As you can see, all of the issues have been
7 resolved or resolved by commitment.

8 Concerns that are being addressed but require
9 follow-up actions are shown here on the slide. For the
10 purposes of today's hearing, these concerns have all
11 been resolved or resolved by commitment.

12 CIRNAC will work with the Applicant through the
13 water licencing process with the aim of protecting
14 Nunavut's inland water resources while promoting
15 sustainable development.

16 I'd like to thank everyone today for participating
17 in the public hearing. Thank you.

18 MS. AUTUT: Thank you, CIRNAC, Christine.

19 So I open it to questions to members of the
20 public. Anyone have questions for CIRNAC at this time?
21 No one? Okay.

22 GN, do you have any questions for CIRNAC at this
23 time?

24 MS. CLOUTER: Kayla Clouter, GN-CGS.

25 No further questions at this time. Thank you.

26 MS. AUTUT: Thank you.

1 Staff, any questions?

2 Members of the Board, any questions? No
3 questions. Okay. Thank you.

4 Thank you for your presentation.

5 This morning, we also heard from Environment and
6 Climate Change Canada. Unfortunately, they are not
7 able to attend this evening to give their presentation,
8 but they have left a copy of their presentation on the
9 back table with this logo on it, if you wanted to take
10 that copy with you, or have a look at it before you
11 leave, and we may be able to address any questions.

12 So this brings us to the end of our agenda for
13 tonight's session. On behalf of the Nunavut Water
14 Board, I would like to thank everyone for participating
15 tonight. Thank you to the community of Chesterfield
16 Inlet for hosting these meetings. A special thank you
17 to the presenters tonight and all of the people who
18 chose to join us to share your views, comments, and
19 questions with the Board.

20 Mr. Chair, I would like to now hand the microphone
21 back to you for your closing remarks and to provide
22 further explanation of what will happen next.

23 THE CHAIR: Thank you.

24 Before I proceed with my closing remarks, I'd like
25 a short break, at least five minutes or so, to deal
26 with legal counsel.

1 (ADJOURNMENT)

2 THE CHAIR: Okay. My papers are resolved.
3 I was kind of getting -- I was getting mixed up with
4 them. I had actual public hearing from today's session
5 and then tonight's papers also getting mixed up. It's
6 all good now.

7 Closing Remarks by the Chair

8 THE CHAIR: So I will now pass the --
9 well, as we bring this public hearing to a close, on
10 behalf of the Board, my fellow Panel members, I would
11 like to thank all the parties who contributed to making
12 this public hearing community session a success,
13 especially the Applicant, the Hamlet of Chesterfield
14 Inlet and its representatives; Government of Nunavut,
15 Community and Government Services; intervenors,
16 Crown-Indigenous Relations and Northern Affairs and
17 Environment and Climate Change Canada; NWB staff and
18 legal counsel; interpreters, Mary Rose Angoshadluk and
19 Gloria Thompson; court reporter, Andres Vidal; audio
20 facilitator, Ryan Dempster; and other community members
21 and the Elders for their valuable participation in this
22 public hearing.

23 Thanks also to the caterers and the Hamlet of
24 Chesterfield Inlet for their outstanding hospitality
25 and patience with the Board.

26 As we are at the end of the hearing, I will make

1 some comments to let the parties know that -- know
2 what's next for the renewal-amendment application.

3 The Board will now close public hearing records.
4 What this means is that our evidence with regards to
5 this application is now before the Board, and no
6 further information will be considered by the Panel
7 before they make their decision about the application.

8 Now that the record is closed, the Board will
9 remit the file to the Panel to decide whether or not to
10 replace its expired licence and grant the Type "A"
11 licence as requested by the Hamlet of Chesterfield
12 Inlet.

13 Within 30 days to 45 days after the public hearing
14 record closes, the NWB will issue its record of
15 proceedings and decision to the Minister of Northern
16 Affairs. If the Board's decision is to grant the
17 licence, a draft of the renewal Type "A" water licence
18 would be attached to the Board decision for the
19 Minister's approval.

20 That concludes the public hearing component of the
21 Nunavut Water Board's consideration of the Hamlet of
22 Chesterfield Inlet application to renew and amend their
23 expired water license.

24 The Board and I wish you all a good evening and
25 safe travels returning home to all visitors to
26 Chesterfield Inlet. Good night. It's closed. Thank

1 you.

2 MS. AUTUT: Please help yourself to
3 whatever food is here. If you have family that could
4 benefit from it, take some home.

5 MR. SAMMURTOK: Chesterfield Inlet, Nunavut
6 Water Board, thank you for doing a hearing. And also,
7 CIRNAC, thank you for coming to Chesterfield. We want
8 to work with you again in the future because our
9 future, we have to consider our youth.

10 Thank you very much for coming to Chesterfield.
11 Qujannamiik. Thank you.

12 _____

13 PROCEEDINGS ADJOURNED

14 _____

15

16

17

18

19

20

21

22

23

24

25

26

1 CERTIFICATE OF TRANSCRIPT:

2

3 I, Andres Vidal, certify that the foregoing pages
4 are a complete and accurate transcript of the
5 proceedings taken down by me in shorthand and
6 transcribed from my shorthand notes to the best of my
7 skill and ability.

8 Dated at the City of St. Albert, Province of
9 Alberta, this 27th day of November 2023.

10

11

12

13



14

A. Vidal, CSR(A), RMR

15

Official Court Reporter

16

17

18

19

20

21

22

23

24

25

26

1	2			
1 4:4 25:14 27:2 30:13 46:15 57:22 79:7 90:21 1,000 9:19 28:21 78:12 10 23:16 10.4 28:20 78:11 10:35 8:1 11 15:8 11th 47:26 49:6 91:17 92:15 12 16:14 73:25,26 13 8:23 45:20 70:17 90:10 13.3 9:25 13th 74:18 14 10:4 13:20 17:11 28:8 48:5 53:23 77:26 14th 26:25 72:25 74:21 77:12 15 2:5,15 3:10 6:4 23:17 50:3 74:12 15-16 4:23 5:4 44:7,12 150 29:5 15th 26:24 75:10 77:11 16 53:23 17 62:15 19 2:7 17:14 75:13 1990s 28:10 19th 74:24 1:30 42:19,20,23 43:1 1:36 43:3	2 4:8 11:18 18:1 25:18 30:14 36:10 50:10,11, 17 52:18,24 70:9 79:8 2,000 13:24 28:7 34:7 73:5 77:26 82:2 2.2 9:14 28:14 29:14 30:2 78:5 2.6 9:12 20 15:7 16:4 200 29:3 2010 28:15 78:6 2015 26:25 77:11 2016 28:1 2021 72:20 2022 15:7 17:11 2023 2:5,15 3:10 4:23 5:4 6:4 10:4 13:20 15:8,24 16:4,9,14,19,21 17:1,5,7,8,11,14, 18,25 18:1 26:25 37:22 38:24 44:7, 12 50:19,24 57:16 72:25 73:25 77:12 98:9 2023/2024 32:16 2023/24 37:13 2024 38:25 50:20, 24 2025 50:2,26 93:4 2033 72:21 20th 73:20 21 17:4 74:13 22 16:9 22nd 73:21 23 16:21 23,000 13:22	73:1,4 23/24 38:22 23rd 74:8 24 2:8 24,000 30:4 78:24 24-day 74:9 25 2:9 4:4,8,12,16 17:18 25th 75:1,6 26 2:10 270 29:5 27th 98:9 29 9:26 17:7 299 27:19 71:9 29th 48:9 49:22 74:15 91:23 2nd 75:8	43 2:15,16 437 28:1 44 2:17 4:20 5:1 45 75:26 96:13 489 72:22	69:22 92:17 800 9:19 28:20 78:11 82 3:16 85 3:17 89 3:18
			5	9
			5 4:20 17:25 44:3 50:18 71:2 91:24 50 71:8,9 51 2:19 55 2:21,22 5:7 59 2:24	9 35:7 50:25 92:23 95 3:21 98 3:22 9th 74:5
			6	A
			6 5:1 9:25 17:8 44:8 49:16 50:5, 21 52:21 92:4 60 72:8,9 60-day 50:4 63 2:26 3:2,4,6 66 3:8 67 3:10,11 69 5:12 6:30 67:9 6th 74:16	A&r 32:5 A-N-D-R-E-W 43:17 abandonment 31:25 32:1,3 80:7,9,10 abbreviation 12:18 ability 69:4 98:7 Absolutely 23:12 29:22 accept 87:11 accepted 74:5 accommodate 31:8 accordance 46:20 49:15 accurate 11:7 12:20 98:4 achieve 86:8,9 acknowledged 16:9 73:21 Act 8:25 10:1 57:7,8,9,10,11 acting 20:17 56:8
			7	
			7 5:7 15:24 21:20 49:16 50:5 55:13 67:8 92:12 70 3:12 76 3:14 7:00 66:2 67:9,14 7:32 67:16	
			8	
			8 2:5,6 5:12 22:5, 6 49:5,11 50:23	
		3		
		3 4:12 11:18 16:19 25:22 49:11 91:14 30 75:25 96:13 30-day 71:23 300 15:11 71:11 31st 50:2 93:4 35 2:12 397 72:20 3AM-CHE---- 4:6,10,14,18,22 5:3 10:6 13:15 25:16,20,24 26:2 44:6,11,25 67:25 77:9 3BM-CHE1523 10:4 13:20 3rd 57:16 74:4		
		4		
		4 4:16 25:26 91:19		

action 50:16 actionable 45:15 actions 93:9 activities 27:22 acts 56:18 actual 45:15 95:4 added 47:16 50:4 86:11 91:10 addendum 47:24 addition 10:24 14:12,21 additional 39:7 42:6 47:13,15 50:3 53:12 58:14 60:25 65:26 71:19,26 72:7 91:8,9 address 79:14 84:22 94:11 addressed 66:11 86:6 93:8 addresses 76:3 addressing 51:7 adequate 48:21 54:9 adequately 28:4 34:10 77:24 82:4 adjacent 30:5 78:25 adjourn 66:2 67:8 ADJOURNED 43:1 67:14 97:13 ADJOURNME NT 60:20 88:25 95:1 administration 6:14 10:15,20 Administrative 6:25 administrator 6:17 10:21 14:21 19:18	advance 25:8 43:23 55:9 advice 45:19 90:9 advised 15:14,15 88:17 advisor 6:18 10:22 70:6 Affairs 2:18,20 3:1,19 7:7 16:16 17:2 20:10 30:21 35:10 36:10 43:25 44:15,17 51:15 54:7 63:3 72:15 74:1 87:4 88:24 89:3,8,19, 23 95:16 96:16 affecting 67:1 affects 85:5 affirm 23:26 54:21 affirmation 24:10 affirmations 24:8 Affirmed 2:8,9, 21 24:19 25:3 55:4 afternoon 2:15 43:5 56:6 61:5 64:22 66:11 agencies 21:6 53:25 agenda 17:9 18:2,3 22:6 25:10 35:8 53:24 54:14 60:18 62:14,15 74:16,22 94:12 agendas 11:26 17:12 75:9 agreed 46:11 47:25 48:13,25 49:11 92:1,9,20 93:2 Agreement 8:24 9:25 45:21 70:18	ahead 19:15 21:24 22:10,23 23:20 26:5 27:7 36:4 37:16 44:15 52:14 54:2 55:20 60:22 61:4 63:1 64:10 65:7,10,14 69:15 70:1 72:8 82:25 84:2 86:3 89:6 aim 51:3 93:13 air 56:26 Albert 98:8 Alberta 98:9 Ali 10:22 52:16 69:10,13 70:5 76:5 align 90:12 aligning 19:6 34:17 82:10 allowable 22:14 allowed 77:13 allowing 64:3 65:3 alternative 57:26 amend 14:6 16:6 44:24 96:22 amendment 4:5, 9,13,17 19:3 21:22 25:16,20, 24 26:2,21 27:16 28:6 41:21 42:6 56:13,22 57:18 65:4 77:8,16 amendments 13:18 33:24 81:20 amount 15:9 18:17 analysis 50:21 analyzing 49:26 93:2 and/or 71:5	Andres 11:8 95:19 98:3 Andrew 2:16 20:14 43:17,19 45:7 89:20 Angoshadluk 7:17 10:26 95:18 Annex 57:22 annual 13:26 19:1,7 27:17,21 31:5 32:22,23 33:3,11 34:3,13, 18,20,21 37:22 38:24,25 46:19, 26 47:2,7 50:18 53:2 77:18 79:21 81:2,10,24 82:10 90:25 91:1,4 annually 13:23 49:19 92:26 annum 73:4 anticipated 31:8 apologies 27:6 56:13 applicability 39:13 applicable 15:21, 22 19:5 39:26 41:7 82:7 Applicant 2:10, 12 6:21 9:6 11:21 14:16 15:9,15 16:19 17:24 19:4, 12 22:7 26:7 35:11 36:20 45:4 46:3,9,10,21 47:1,24 48:7,12, 25 49:5,11,16,22, 23,25 51:7,13 57:15 59:14 62:25 63:16 67:24 68:13 71:18,26 72:6 74:3,15,20 76:10 89:16 91:2,6,11, 16,22 92:1,8,14,	20 93:2,12 95:13 Applicant's 46:20 47:5 74:5 Applicants 51:2 application 4:21 5:2,9,14 8:4 9:3 10:3,16 11:11 13:10,13 14:6,7, 8,17,24,25 15:3,5 16:1,5,7,10,15, 22,24 17:1 18:7 20:26 21:9,22 22:2,8 27:15 35:22 41:20 42:6 44:5,10,24 46:2,4 47:11,21 48:6 51:2 55:15 56:22 57:18 67:20 68:16,17 69:24 70:13,14 71:15, 20,21 72:14 73:2, 8,19,20,22 74:9 75:18,19,21 76:11 77:15 89:4 90:16 96:2,5,7,22 apply 16:3 appreciated 61:10 69:11 76:24 appreciates 11:20 68:18 approached 13:6 approval 96:19 approve 72:14, 16,17 87:6,15 88:4 approved 42:8 86:15 approves 86:12 approximate 27:26 approximately 9:14,18 23:16 28:8,14,20 29:3,5 30:4 46:19 77:26
---	---	---	---	---

78:5,11,24 90:24 April 16:14 73:25,26 area 9:1,17,18, 21,22,24 28:17, 19 29:1,3,4,6,8,9 30:4,16 31:20 70:21 72:23 73:15 78:8,10,17, 19,21,22,24 79:10 areas 9:22 28:16 29:4 59:1 78:7,19 Article 8:23 45:20 70:17 90:10 assess 39:22 assessment 7:14 15:20 20:18 38:4 39:23 40:5 56:9 asset 32:6 80:13 assets 32:14 80:22 assist 12:15 85:11 assistance 11:6 12:19 associations 21:6 53:24 assuming 54:12 assurance 47:20 assurance/ quality 91:15 attach 87:7 attached 96:18 attend 94:7 attendance 10:18 13:9 attendant 34:22 82:12 attendees 24:6 attending 68:24 attention 59:5 audio 11:4 95:19	August 17:18 75:1,6 authorization 14:9 33:23 71:6 81:18 authorizations 70:11 71:4 authorize 8:7 authorized 32:15 72:26 authorizes 68:9 Autut 6:12 10:18 35:26 36:1 52:9, 10 53:14 60:5,6 68:2,5,23 76:5,20 77:2 82:20,25 83:13,18 84:1,21 85:6,15,19 86:4, 20,21 88:15,16, 26 93:18,26 97:2 avoid 12:18 89:24 <hr/> B <hr/> back 10:21 12:1, 5,6 42:19,20,24 67:8 69:4 86:7 87:23 88:22 89:1 94:9,21 background 8:20 27:24 70:10 77:19 based 31:22 33:3, 7,13,26 34:4 39:21 41:25 47:18 58:10 71:2 72:20 81:25 Basically 22:12 basis 30:25 79:17,21 Bay 9:18 28:22, 23 30:16 78:13 79:10	begin 8:14 12:12 19:11 68:25 behalf 8:18 9:4 23:14 26:10 44:26 46:2 83:26 94:13 95:10 Ben 10:19,25 benefit 70:25 97:4 berms 28:18 78:9 billing 33:4,13 birds 57:3,10 bit 22:18 24:6 26:23 27:12 29:19 61:8 Block 48:5 Board 3:13,17 4:23 5:4 6:6,11, 14 8:11,18,21,22 10:1,7,11,20,23, 26 11:20 12:26 13:10,14 14:5,13, 15 15:18 16:4,14, 21,24 17:14,18, 21,22,26 20:26 21:12,14,23,26 22:9,26 23:22,25 25:5,8 26:20 32:17 35:25 36:2, 6 37:19 39:2,17 40:11 41:4,12 43:11,21 44:6,11, 21 45:3,13,19 46:1,3 47:24 48:14 49:13,18 51:6 52:7,10,16 53:26 54:4 55:6 56:6,7,15 57:16 59:6 60:4,6,7,24 61:21,24 64:6 65:5,12 67:25 68:1,16,18 69:9, 17 70:3,7,11,16, 18,22 71:3,17 73:19 74:21 75:2, 6,13,23 76:7 77:7	85:20,22 86:1,12, 15,21,26 87:2,5, 13,23 88:3,8,10, 16 89:14 90:9,14, 15 92:2,21,26 94:2,14,19 95:10, 25 96:3,5,8,18,24 97:6 Board's 12:20 49:20 61:3 62:1 67:19 68:7 70:10, 11 71:2 75:20,23, 26 87:11,14 88:5 93:1 96:16,21 break 42:19,21 60:18,19 88:21, 22 94:25 breaks 12:8 briefly 56:18 71:13 73:18 77:10 89:24 bring 95:9 brings 94:12 broadcasts 11:18,19 brought 12:7 41:25 buildings 29:12, 25 built 28:9 bulk 9:22,24 29:2,8 78:18,21 burning 57:25 58:1,6 84:5,8,19 85:10 <hr/> C <hr/> C-H-R-I-S-T-I- N-E 43:15 C-L-O-U-T-E-R 24:26 call 2:7 8:14 15:25 19:11,16 43:5 52:7 54:24	60:17 62:23,26 63:8 83:3,4 calling 62:2 Canada 2:18,20, 23,25 3:1,3,20 5:10 7:7,12 16:17 17:4 20:15,19 30:20,21,23 35:15,18 44:17 51:15,24 52:1 54:11,15,25 55:9, 17,19,21 56:10, 19 57:2,12,17,24 58:2,7,13,21,26 59:10,12,25 60:14 63:3,9,11, 13 64:7 65:6 74:1,2 79:15 88:24 89:3,8 94:6 95:17 Canada's 56:21, 23 57:6,20 89:19 Canadian 57:8 84:18 Canadians 70:26 capital 41:26 careful 67:2 case 71:11 87:16, 22 catch 76:24 caterers 95:23 caused 31:21 80:3 cell 12:11 30:13, 14 48:19 79:7,8 cells 9:16 28:16, 22 73:15 78:8 census 28:1 72:21 central 42:23 Certificate 3:22 98:1 certify 98:3
--	---	---	---	---

cetera 21:6 36:14
38:21

CG&S 85:21

CGS 39:10 40:16
59:14 80:18
83:24 84:6,9,15

CGS's 31:16
32:3 33:2 80:10

chair 3:11,21 6:7
8:3,10,11,17
12:25 13:1,4
19:21,23 20:8,15,
20 21:25 22:1,3,
4,24,25 23:19,21,
23 25:4,6,12
26:4,8 29:19
35:5,14,20,26
36:4,7,20 37:15,
17 39:17 40:9
41:9,14,15,23
42:11,15,18,22,
25 43:4,10,12,16,
22 44:1,13 51:10,
16,19,23 52:3,9,
11,14,15 53:14,
16,21 54:3,5,10,
19,22,23 55:7,12,
18 56:6 59:9,13,
17,19,23 60:3,5,
9,13,17,21,23,25
61:4,23,25 62:3,
6,8,19,22 63:7,
15,20,25 65:10,
11,13,21,24 66:6,
9,12 67:7,17,18,
26 68:3,6 69:15,
16,18,21,26 70:4
75:23 76:18
85:20,23,25 86:3,
19 88:14 94:20,
23 95:2,7,8

chaired 75:22

chairing 10:10
68:1

chairman 69:2

change 2:22,24
3:3 5:10 7:12
13:11 15:19
16:17 17:3 20:19
27:17,19 28:5
30:20,23 34:1,11
35:15,18 51:24
52:1 54:11,15,24
55:9,17,19,21
56:10,19,21,23
57:6,12,17,20,24
58:2,7,13,21,26
59:10,12,25
60:14 63:8,10,13
64:7 65:6 66:24
74:2 77:16,17
79:15 81:23 94:6
95:17

changing 66:21

Channel 11:18

characterization
48:23

CHE 30:10

CHE-1 30:10
32:20,23 33:10
46:26 47:9 79:4
80:24,25 91:2

CHE-1A 32:25
47:16 52:25 53:4
81:4 91:11

CHE-2 30:11
31:18 47:22 79:5
91:16

CHE-3 30:13
79:6

CHE-3A 30:13
79:7

CHE-4 30:14
49:5 79:8

check 16:20
73:25

chemistry 84:16

Chester 67:5

Chesterfield
2:10,12 3:4,8 4:5,

9,13,17,21 5:2,8,
13 6:1,23,24 8:5,
9,19 9:5,10,11,20
10:8 11:1 13:16
16:7 19:12 25:16,
20,24 26:2,7,21
27:4,11,26 28:7,
26 35:11 38:4,17
39:6,7,14,26 42:4
44:4,9 45:1,3
55:14 56:12
63:17 64:1 65:1
66:13,15 67:21
68:12 69:24
72:19,22 75:12
77:8,21,25 78:3
83:2 89:11,14
94:15 95:13,24
96:11,22,26 97:5,
7,10

choice 87:10

choices 87:10

choose 83:16

chose 94:18

Christine 2:16
20:12 35:12
43:14,19 45:5
53:8 59:21 63:4
85:17 89:17
93:18

circulated 18:1

CIRNAC 16:17
20:11 31:24 32:8
40:12 43:5 44:20
45:16,19 46:9,11,
24 47:2,15,17,19,
20,22,26 48:2,4,
8,9,10,14,15,17,
23 49:1,3,6,8,13,
19,22 50:3,6
51:1,11,18 53:7,
18,22 54:1 59:20
62:26 64:6 65:6
74:5,12,19 80:6,
8,16 85:16 89:23
90:6,9,20,26

91:4,9,12,14,17,
19,23,24 92:4,7,
12,15,17,21 93:4,
12,18,20,22 97:7

CIRNAC's

44:23 45:6,10,24
46:6 51:25 52:5,
17,20 90:3,11,17

City 98:8

claim 90:11

Claims 45:21

clarification

18:23 36:8,16
39:3 40:9 42:23
47:19 52:12
58:12,16,19,24
72:1 85:7

clarifications
57:14

clarified 48:8
91:22

clarify 39:11
40:21 50:10 58:9

classification
71:15

classified 27:1

clause 40:12,14

clear 37:26 54:8
66:23

clerical 58:22,25

climate 2:22,24
3:2 5:10 7:12
16:17 17:3 20:19
30:20,22 35:15,
18 51:24 52:1
54:11,15,24 55:9,
17,19,21 56:10,
19,21,23 57:6,12,
17,20,24 58:2,7,
13,21,26 59:10,
12,25 60:14 63:8,
10,13 64:7 65:6
66:23 74:2 79:14
94:6 95:17

close 37:13 65:22
66:6 84:24 95:9
96:3

closed 96:8,26

closes 66:4 96:14

closing 2:26 3:2,
4,6,21 62:24,26
63:2,10,17,22
65:20 67:11
94:21,24 95:7

closure 18:24,26

Clouter 2:9 6:26
20:2,3 23:8,9,12
24:24,25 25:3
26:9,12,14,17
27:4,7,8,10,13,15
29:18,22 35:2
36:21,22 51:19,
20 52:22 59:16
62:18 63:24
64:10,12,13,15,
18,24 76:17,25
77:5 82:21 83:20,
21 93:24

coffee 12:7

collaborating
64:8 65:7

collected 29:26
31:14,17 48:13
58:17 79:26 80:2

collection 31:14
50:17,18,23,25
58:14 79:25

collects 29:11,24

commence 16:23
76:14

commenced 8:1
74:9

comment 14:15
30:22 31:13,25
32:7,19,24 33:16
52:18 58:4,11,18,
23 59:2 79:14,25
80:7,15,23 81:3,
12 85:8

comments 3:8 12:19 16:14,25 17:4,6 21:4,17 30:19 31:24 36:10 45:12 51:8 56:20 57:13,14, 20,22 62:16,20 64:15 65:9,25,26 66:10,15 68:15 69:1 71:22 74:13, 14 75:17 80:6 90:4,17 94:18 96:1 commission 15:16,17,25 commissioning 50:22 commissions 65:2 commit 42:1 commitment 37:21 38:23 46:7, 10,12 47:4,17 48:16 49:2,14 50:7,9 52:19 53:11 58:5,24 59:2 64:13 90:18 91:5,13 92:3,11, 22 93:5,7,11 commitments 17:23 45:15 57:15 65:8 90:5 committed 42:2 47:1,11 49:26 52:25 80:26 81:7, 9 91:3,6,11 common 38:18 40:11 communications 6:15 10:20 communities 38:1,7 community 3:7, 11,12,14,15,16,18 6:1 7:2 8:6 9:3, 13,15 12:1 13:17	17:15 19:13,25 20:4 21:19 23:4, 15,26 24:11,21 26:19 28:14 29:11,15,25 33:4, 17 34:23 44:26 49:18,25 56:7 61:13,14 63:22 65:18,22,23 66:3, 6 67:4,10,11,17, 18,22 68:14 70:2 73:9 74:26 75:9, 12,15 76:13,15, 16 78:3,5 79:12, 20 81:13 82:12, 24 85:12 89:7,15 92:25 94:15 95:12,15,20 community's 73:7 complete 11:25 12:21 18:6 32:16 36:25 41:1 50:21 71:20 98:4 completed 37:10 38:22 40:24 48:24 92:8 completely 87:13 completeness 16:11,15,20 73:24 Complex 6:1 compliance 14:11 31:6 component 96:20 comprised 28:15 78:6 conceptual 18:26 32:1 80:9 concern 49:23 concerned 84:26 85:4 concerns 19:10 34:25 68:15	82:18 93:8,10 conclude 51:8 concludes 59:4 96:20 concordance 71:17 condition 40:2,5 47:17 49:23 conditions 47:13 50:8 58:4,6 64:2 87:8,12,18,24 88:1,6,9,11 91:7 conduct 10:6 40:18 49:17 73:24 conducted 17:14 40:3,6 75:3,11 conducting 40:22 conducts 71:17 conference 16:26 17:16,17,19,21 18:14 72:3,5 74:11,17,23,25 75:1 confirm 26:15 37:5 42:8 49:12 55:23 61:6 76:26 83:14 84:17 92:20 confirmation 58:3 74:18 confirmed 33:18 53:10 80:2 81:14 confirms 71:15 conformity 14:10 15:20 16:2 conforms 15:26 conservation 70:23 conserve 45:17 90:7 consideration 96:21	considered 46:7 58:5,11,18,23 59:2 90:17 91:23 92:3,10 96:6 considers 47:3, 26 48:9,15 49:1, 7,13 50:6 91:4, 12,17 92:15,22 93:4 consist 9:21 29:1 construct 31:7 consulting 37:6 38:13 39:20 consumption 33:5 contact 15:15 34:24 35:2,3 59:1,3 75:16 76:2 82:13,17 contaminated 18:24 33:18,20, 22 48:7 81:14,16 CONTENTS 2:1 continue 31:23 33:12,14 51:1 52:26 67:5 80:5 continued 13:22 73:10 continuing 57:17 64:2 65:1 81:9 contracted 38:13 contradictory 48:4 91:21 contribute 59:7 contributed 10:14 95:11 contribution 56:11 contributions 45:11 90:4 control 47:21 91:15 convenience 57:21	Convention 57:10 conversation 41:4 coordinates 48:12 91:26 coordination 56:26 coordinator 7:9 20:13 45:6 89:18 copies 14:16,23 18:3 25:6,11 43:22 Copland 6:9 10:12 41:17 copy 4:4,8,12,16, 20 5:1,7,12 25:14,18,22,26 44:3,8 55:7,13 69:18,22 94:8,10 corrected 50:20 corrections 49:6 92:15 corrections/ updates 19:8 correctly 39:15 correlate 33:12 correspondence 74:10,22 counsel 6:19 10:16,23 12:26 21:26 22:26 23:22 25:5 42:17 43:7,11,20 54:4 55:5 60:24 61:21, 24 65:12 67:10 69:17 86:25 94:26 95:18 couple 36:3 court 7:20 11:8,9 12:15 95:19 98:15 cover 14:9 77:10
---	--	--	---	---

covers 30:3,12 78:23 created 8:23 77:6 Crown- indigenous 2:17, 19,26 3:19 7:7 16:16 17:2 20:10 30:21 35:9 36:9 43:24 44:14,16, 19 51:14 54:6 63:2 74:1 88:23 89:2,7,18,22 95:16 CSR(A) 7:20 98:14 cubed 27:19 28:8 34:7 77:26 82:2 cubic 13:22,24 15:11 47:7 71:8, 9,11 73:1,4,5 current 30:9,18 34:3 40:16 42:5 46:20 47:5 49:15, 21 50:5 57:13 72:20 81:13,24 84:11,12 92:23	77:26 98:9 days 28:8 29:12, 25 50:3 72:8,9 75:26 77:26 96:13 deadline 50:4 deadlines 19:6 34:18 82:10 deal 66:1 94:25 dealing 24:5 dealt 66:5 December 15:7 decide 72:16 96:9 decides 87:19 decision 17:19 39:24 68:17 72:5, 6,14,17 75:2,25 76:1 87:11 96:7, 15,16,18 decision-makers 87:3 decision-making 88:5 decisions 87:1 decommission 9:23 decommissioned 29:7 78:20 decrease 30:25 79:18 decreased 58:10 deemed 71:20 defer 65:22 66:7 deficiencies 16:12 delegated 10:1 deliver 22:20 delivered 22:15 delivering 70:7 Dempster 7:22 11:4 83:16 95:20 Department 44:26 57:7 61:12	74:2 department's 56:17 depending 66:4 deposit 8:8 9:8 13:23 26:26 68:10 71:5 77:13 Description 2:3 4:2 detail 57:19 detailed 48:20 50:5 92:6 details 18:6 detention 9:16 28:16,22 48:19 73:15 78:7 determinations 14:10 16:3 determine 41:6 determined 15:26 73:22 developed 32:4 50:26 54:14 80:11 development 45:22 51:4 93:15 DFO 16:18 Dicta 11:9 dictation 83:17 differ 15:22 difference 67:3 Difficult 13:11 difficulties 11:5 Dillon 37:6 38:13 39:20 40:20 directed 72:5 direction 42:16 54:23 75:3 directly 23:25 38:3 39:6 director 6:12,13, 14 7:2 10:18,19, 20 36:1,5 61:13	68:3 discharge 9:19 28:16 30:15 31:15 58:17 78:7 79:9 80:1 discuss 49:23 discussed 18:12 52:19 discussing 76:12 89:5 discussion 85:9 disposal 9:21,22, 24 14:3 18:21,23 19:7 27:21 28:25, 26 29:1,2,9,14,18 30:1,3,6,12 31:1, 9 33:11 34:19 48:7,18,24,26 49:4,9 73:14,16 78:14,17,18,21, 23,25 79:1,6 82:11 92:5,8,13, 18 dispose 10:2 disposed 48:19 distributed 17:8 74:16 distribution 32:18 73:23 diversion 28:18 78:9 division 7:3 45:7 61:14 89:19 document 14:8 58:25 59:3 documentation 14:26 16:5 documents 14:4, 7,14,18,24 19:6 34:16 46:4 74:19 75:18 82:8 domestic 27:25 77:20 door 11:17	draft 17:8 74:16 96:17 draws 33:5 drinking 84:18 drum 9:22 29:4 78:19 due 82:2 dump 83:6 84:5, 24 dumps 83:7 duplication 89:24 Dwyer 6:16 61:26
E				
				earlier 11:14 13:13 18:2 Earpieces 11:16 ECCC 16:17 40:12 74:5 84:7 efficient 65:16 effluent 9:15,17 28:20 30:13,14, 15 78:11 79:7,8,9 efforts 51:7 elaboration 46:12 Elder 20:25 Elders 20:24 21:1 23:25 56:6 95:21 electronic 14:23 electronically 34:17 82:9 Elizabeth 10:12 41:16 email 76:3 encompass 28:19 78:10 encompassed 35:1

encourages 75:14 end 21:18 37:1, 12,13,23 64:20 76:23 94:12 95:26 ending 62:24 enforceable 40:6 enforcement 57:4 engineer 32:9 37:6 80:17 engineered 33:6 49:17 92:24 engineering 36:18 37:8,10 38:10 39:9 40:13, 20 engineers 40:16 English 4:14,24 5:10 11:16,18 14:9 25:25 44:7 55:17 83:17 English/ inuktitut 4:6 5:15 25:17 69:25 enhancement 56:24 ensure 11:7 21:3 enter 11:17 18:4, 10 entering 31:19 entrance 12:4,6 environment 2:22,24 3:2 5:10 7:12 16:17 17:3 20:15,18 28:22 30:20,22 35:15, 17 51:24,26 54:11,15,24 55:9, 16,19,21 56:9,19, 21,23,25 57:6,7, 12,16,19,24 58:2, 7,13,21,26 59:9, 12,25 60:13 63:8,	10,12 64:6 65:6 74:2 78:13 79:14 94:5 95:17 environmental 7:13 20:18 56:9 57:8 equipment 69:7 error 49:4 58:22, 25 92:14 established 70:17 evening 3:10 65:17,23 70:5 74:26 94:7 96:24 event 87:18 Everything's 54:9 evidence 23:24 24:2,3 75:24 96:4 exceeded 22:14 exceeding 27:18 exceeds 15:11 Excellent 26:17 exception 23:25 exchange 72:9 75:5 Excuse 27:3 29:17 executive 6:12 10:18 14:8 36:1 68:3 exhibit 4:4,8,12, 16,20 5:1,7,12 25:14,18,22,26 44:3,8 55:11,13 69:20,22 exhibits 4:1 25:11 44:1 existing 14:1 19:8 26:23,24 27:16,22 30:10 31:10 77:10,16 exists 32:10 80:18	exits 12:5 expect 11:11 23:6,15 expectation 39:4,19 expected 32:16 34:2 81:24 experience 11:5 expired 8:7 9:7 10:4 13:20 14:18 16:6 18:15,16 26:25 27:23 30:10,18 68:9 72:25,26 77:10, 12 96:10,23 explained 46:1 90:14 explanation 94:22 explored 58:1 extension 74:12 extracted 15:10 47:8,9 extraction 13:24 eyeglasses 13:11 <hr/> F <hr/> facilitator 95:20 facilities 9:21 14:2,3 29:1 50:22 73:11,14 facility 9:14 14:2 18:19 28:13,15 29:14,18 30:1,3, 6,12 31:1,15,17, 19 33:1 41:20,24 46:17,23 47:10, 14,16 48:3,11,18, 20,26 49:4,9 50:14 53:1,2 58:9,15,17 73:17 78:4,6,17,23,26 79:6,23 80:1 81:5,11,17 90:22	91:9,11,20,26 92:5,13,18 fact 34:1 falls 72:22 84:14 family 97:3 fauna 57:3 feasible 40:15 feel 64:22 82:17 fellow 56:7 95:10 fenced 9:21,23 29:1,3,8 78:20 field 50:19,20,24 file 69:14,19 96:9 filed 8:4 14:14,16 17:6 25:7 43:23 55:8 fill 73:6 78:1 filled 17:23 final 17:12,25 18:1,3 30:15 65:24 66:10,13 68:15 74:22 75:8 79:9 finally 12:14 45:13 50:24 financially 40:25 Finger 9:18 28:22 30:16 78:13 79:10 fire 83:7 84:24 firm 36:18 fiscal 37:13 38:22 Fisheries 16:18 57:9 74:3 fishes 83:5 floor 43:8 76:6 flora 57:3 flow 28:18 78:9 flows 9:15 28:20 78:11 focused 65:16 fog 66:25,26	folks 37:2 follow 12:2 18:5 follow-up 37:18, 24 93:9 food 88:21 97:3 foregoing 98:3 formal 21:11 fortunately 88:2 forward 19:11 33:8 41:8 46:11 found 46:9 49:19, 25 free 64:22 82:17 free-flowing 31:18 freeze-up 28:4 34:11 77:24 82:5 French 4:18 26:3 frequency 32:12 36:14 37:9 39:21 40:22 49:24 50:1 58:8 80:20 93:3 freshwater 8:26 13:25 46:17,18, 21 47:1 70:20 90:23 friendly 76:21 front 12:5 frozen 28:2 34:9 77:22 82:3 FTP 14:19 18:8 49:20 75:20 93:1 fulfilled 17:24 funding 31:7 41:26 42:2,7 79:22 future 18:19 30:24 31:23 36:12 40:1,7 41:20 50:22 79:16 80:5 81:18 83:10 97:8,9
--	--	--	---	--

<hr/> <p style="text-align: center;">G</p> <hr/> <p>garbage 29:12,26 general 21:10 71:1 geotech 49:17 geotechnical 32:8 49:20 80:17 give 20:24 21:15 56:1 77:19 94:7 giving 24:2 44:22 61:22 Gloria 11:1 95:19 GN 19:21 36:11 50:10,13 52:17 76:13 93:22 GN's 47:18 89:26 GN-CGS 9:5 14:5,12,13 16:6 17:6 20:5 21:16 26:10 31:7 32:5, 10,21 33:7,18 36:9,22,24 37:4, 21 38:5,12,15 39:13,22 41:5,22 46:2 51:1,16,20 52:22 59:16 62:15,18 63:21, 24 64:3 65:7 67:24 76:17 79:21 80:1,8,12, 26 81:7,14 83:21, 26 88:18 90:15 93:24 GN-CGS's 31:3 good 8:3 20:16 22:11 56:6 61:5 70:5 76:8 95:6 96:24,26 governed 57:7 government 3:6, 7,14,15 8:5,6,23 9:3,4 13:16,17</p>	<p>19:13,14,24,25 20:4 23:3,4,14,15 24:11,21 26:18, 19 36:11,17 39:8 41:26 44:25 57:1 61:12,13 63:22, 23 67:22,23 70:17 76:13,15, 16 82:23 83:9 89:15 95:14,15 GPS 48:11,13 49:10 91:26 92:19 grant 96:10,16 Great 82:20 guidelines 84:17</p> <hr/> <p style="text-align: center;">H</p> <hr/> <p>H-O-O-E-Y 61:19 hall 12:5,6 18:4, 10 Hamlet 2:10,12 3:4 5:8,13 6:23 8:4,9,19 9:4,6,10, 11,20 13:15 19:12,18 23:1 24:8 26:7 27:4 29:11,24 35:11 39:14 55:14 56:12 63:17 67:21,23 68:11 69:23 72:19,24 75:12 81:15 95:13,23 96:11, 21 hand 94:20 happen 65:13 88:2 94:22 happened 88:7 hard 4:4,8,12,16, 20 5:1,7,12 25:6, 14,18,22,26 29:20 43:22 44:3,</p>	<p>8 55:7,13 69:18, 22 hazardous 48:3 head 29:9 headset 11:6 health 84:15 hear 20:23 61:6,8 heard 65:21 69:1 94:5 hearing 4:23 5:4, 9,13 6:7 8:4,11, 12,13,21 9:2 10:7 11:12,15,24,26 12:8 14:23 15:4 17:22 18:2,12,13 21:13,17 22:18 25:9,12 26:20 43:24,26 44:1,7, 12,22 51:6 55:10, 11,16 56:16 61:3 62:9 64:11 65:8, 19 66:6,21 67:19 68:8 69:20,23 72:8,10,11,13 75:3,7,9,11,15, 22,25 76:12 77:7 89:11 93:10,17 95:4,9,12,22,26 96:3,13,20 97:6 hearings 23:23 hectares 28:20 78:11 held 17:21 72:24 higher 27:20 77:17 hired 32:4 36:24 37:5 80:12 historically 31:21 history 13:10 15:2 46:2 70:13 73:18 hold 16:25 holding 30:13,14 51:6 79:7,8</p>	<p>holds 72:11 home 96:25 97:4 Hooey 7:2 61:5, 11,17 hope 88:12 hoping 66:18 hospitality 95:24 hosted 74:24 hosting 94:16 hours 66:19 house 33:5,9 47:10 housekeeping 11:12 Hudson 28:23 78:13 Hunter 6:17 10:21 14:22</p> <hr/> <p style="text-align: center;">I</p> <hr/> <p>I-V-E-Y 24:16 ice 66:22,23 identification 21:21 identified 31:6 identify 16:12 20:22 32:11 65:25 80:19 identifying 13:8 impact 15:18,20 31:21 80:4 impacts 84:12,19 implement 39:21 implementation 38:6 39:9,24 implemented 38:3 39:5 important 11:12, 23 66:20 68:19 impression 36:23</p>	<p>in-house 10:25 include 40:2 73:12,15 79:23 included 48:3,5 74:10 includes 13:18 14:7 34:15 56:24 57:2 73:8 82:8 including 10:6 11:21 14:2 17:15 18:3 50:17 56:25 58:15 75:11 Incorporated 11:9 incorrect 48:12 59:1 92:1 increase 34:3 45:17 81:24 90:7 increased 34:7 indication 31:20 79:18 80:3 indications 13:2 individuals 10:17 indulge 54:19 inform 15:19 75:26 information 16:11,12,20 22:23 27:24 34:25 35:3 48:5,8 50:12 53:11 58:14 59:1,3 66:3 71:19,22,26 72:7 73:26 75:5 76:2 82:13 89:25,26 91:3,12,21,22 92:2,21 96:6 informed 15:8 infrastructure 7:3 18:22 28:12, 25 30:8 36:12,15 37:2,11 38:2,4, 16,18 39:6 40:3, 19 42:3 61:14</p>
---	--	--	---	---

68:11 77:20 78:3, 15 79:2 82:16 initial 73:24 inland 51:3 93:14 Inlet 2:11,13 3:5, 8 4:6,10,14,18,21 5:2,8,13 6:2,23, 24 8:5,19 9:5,10, 11,20 10:8 11:1 13:16 19:12 25:16,20,24 26:2, 7,21 27:5,26 28:7 35:11 38:4,17 39:14 42:4 44:5, 10 45:1,4 55:14 56:12 63:17 64:1 65:1 66:13,15 67:21 69:24 72:19 75:12 77:8, 21,25 78:3 83:2 89:14 94:16 95:14,24 96:12, 22,26 97:5 Inlet's 8:9 16:8 28:26 68:12 89:11 insight 37:1 inspect 40:16 inspection 31:4,5 32:7,12 36:13,14 38:11 39:20,25 40:2,13,24 41:2 49:20 79:21 80:15,20 92:26 93:3 inspections 32:14 37:10 40:18,19 49:17, 24 50:1 80:22 92:24 inspector 48:14 49:12 institution 8:22 70:16 intake 30:11 46:17,18 47:12	79:5 90:23 intends 43:25 intent 22:12 intention 40:10 interested 14:25 16:10,23 73:24 75:15 interpretation 10:25 11:15 27:9 39:13 60:2 66:17 83:23,25 interpreter 8:15 10:26 interpreters 10:24 12:15 29:20 64:21 76:23 95:18 INTERPRETE RS/ TRANSLATOR S 7:16 interpreting 69:6 intervening 20:9 85:15 intervenor 45:16 90:6 intervenors 7:5 11:21 14:15 16:22 20:21 21:16 35:8 40:12 41:6 56:7 62:17, 24 64:7 65:7 68:14 95:15 intervention 59:10,26 interventions 21:7 72:10 introduce 10:17 19:14 introducing 13:8 introduction 46:1 90:14	introductory 69:1 inuktitut 4:10 5:5 11:16,19 14:9 19:20 25:21 44:12 60:1 66:16 invisible 62:12 invited 16:22 73:23 involved 22:17 IPG 70:17 IRS 16:20 issuance 26:24 87:15 issue 31:6 47:3 48:1,9 49:10 50:6 71:4 72:13 88:5 91:18,23 92:16, 19,22 93:4 96:14 issued 16:21 70:11 71:7 75:2,6 77:11 87:12 issues 18:11 50:16 71:21 72:4, 7 93:6 issuing 75:25 item 22:5,6 25:10 35:7 50:5 53:23 54:7 62:15 items 11:12 37:18 49:16 54:5 Ivey 2:8 6:25 19:17 22:11 23:7, 10 24:15,19 63:18	July 17:1,8,11,14 47:26 49:6 74:16, 18,21,24 91:17 92:15 June 17:4,7 48:9 74:12,13,15 91:23 jurisdiction 84:14 Justification 34:8	Kivalliq 72:19 Kogvik 6:14 10:19,25 KRLUP 16:1
<hr/>				
L				
<hr/>				
L-U-S-T-Y 25:2 lagoon 31:8 lagoon-style 48:19 lagoons 38:20 lake 9:12 13:25 15:10 27:25 28:6 30:11 32:22 34:12 46:18,22, 25 47:2,12 53:4 73:6,9,12 77:20 79:5 80:26 81:1,8 83:4,10 90:23,24 91:1,7 land 15:20 16:1 45:21 90:11 landfarm 18:23 33:16,17,19,21 48:6 81:12,13,15 91:22 landfill 9:23 18:22 29:7 78:20 85:10 Language 7:17, 18 languages 25:8 late 65:15 Law 10:23 leachate 31:20 80:3 lead 67:10 leave 66:11 94:11 led 75:23 left 10:12 94:8 legal 6:19 10:16, 23 12:26 21:26 22:19,23,26				

23:22 25:5 42:17 43:7,11,20 54:4 55:5 60:24 61:21, 23 65:12 69:17 86:25 94:26 95:18 legislation 45:25 56:18 90:12 letter 14:9,10 33:22 81:18 level 31:3 40:25 76:22 licence 4:5,9,13, 17,22 5:3,8,14 8:7 9:7,8 10:3,5,6 13:15,19,21 14:6, 8,18 15:6,13,19, 21,23 16:7 18:14, 15,16 19:3 22:13, 16,22 25:15,19, 23 26:1,21,22,23, 24,26 27:16,17, 23 30:10,18 32:15 33:25,26 34:15 35:2 37:10 38:17 39:14 40:1, 16,19 41:7 42:5 44:5,10,24 45:11 46:5,20 47:5,13 49:15,21 50:6 51:2 53:13 55:15 56:12,22 64:3 65:2 67:25 68:9 69:25 71:7,10,12 72:26 77:7,9,10, 11,16 81:21,22 82:15,17 87:7,14, 15,16,18 88:5,10, 11 89:12 90:4,16 91:7 96:10,11,17 licenced 38:19 licencee 47:6 licences 38:11,15 licencing 10:21 14:21 45:20 62:1 70:12 71:13 87:1	90:10 93:13 license 71:16 72:24,25 73:1 77:13,17 79:4 84:14 87:6,7,9,12 92:24 96:23 Licensing 6:16, 17 limit 34:3 81:25 limited 57:25 list 17:23 18:11, 12 57:21 local 48:6 locate 32:8 80:16 located 9:12 11:17,22 12:4 28:13 29:14 30:2 72:19 78:4 location 31:17 32:20,23,25,26 33:10 50:19,23 52:25 53:4 80:24 81:4 locations 48:13 49:10,12 92:19 logo 94:9 long 23:5 40:13 83:16 longer 19:5 82:7 Lootie 8:10 67:26 lot 67:2,4 lots 64:22 lunch 42:14,19, 24 Lusty 2:9 7:1 20:6 22:10 25:1,3 26:6,8 35:3 37:4 38:8 39:10 40:8 41:22 51:21 82:14 83:24 84:3, 21 Lusty's 85:8	<hr/> M <hr/> M-A-L-L-O-N 55:3 M-E-G-A-N 25:2 made 90:20 main 14:4 maintenance 48:2,10,17,20 49:3,8 58:22 73:10 91:20,25 92:5,13,18 majority 89:25 make 12:12 14:22 21:8,11,17 22:7 23:17 37:26 39:23 53:25 54:17 62:16,20 69:14 76:10 88:24 95:26 96:7 makes 68:16 making 11:24 12:19 23:2,5 95:11 Mallon 2:21 7:13 20:16,17 35:17 51:26 54:20 55:1, 2,4,22,23,26 56:5,8 60:16 63:12 management 7:8 8:26 14:12 18:18, 20,21 19:8 20:13 30:23 45:6 48:4, 22 57:26 58:12 68:11 70:20 79:15,24 84:11 85:10 89:18 manager 6:16,26 7:1,10 20:3,6,14 45:7 62:1 89:20 mandate 45:24 56:18,23 57:6	71:3 manner 70:24 manual 84:8 March 15:24 16:4,9 37:23 49:22 50:2 73:20, 21 93:4 marine 28:22 78:12 mark 25:11 43:26 55:10 Mary 8:14 10:26 68:20,23 95:18 materials 14:16 18:9 23:3 43:23 54:12 55:8 Matna 41:17 matters 10:2 25:13 44:2 45:20 55:12 62:7 69:21 90:10 maximum 34:6 82:1 Mayor 3:8 6:24 66:13,15 67:7 83:2 84:3 Meadows 6:19 10:23 12:25,26 19:23 21:25,26 22:25,26 23:21, 22 24:20 25:4,5 26:14 27:3,6,8, 11,14 29:17 42:22 43:10,11, 18,20 54:3,4 55:5,23 56:4 60:23,24 61:7,15, 20,21,23 64:9,12, 14,17,19 65:11, 12 69:16,17 86:22,24,25 means 96:4 measure 47:6 media 12:23,24 13:2,7	meet 40:15 47:12 91:7 meeting 16:26 17:15,20 52:20 64:2 68:19 72:2,4 74:11,17,23,24 meetings 94:16 meets 73:22 84:17 Megan 2:9 20:5 25:1,3 35:3 36:26 37:4 38:8 39:3,10 40:8 41:22 51:21 82:14 83:24 84:1 Member 6:8,9 members 10:11, 14 11:21 21:10, 15 23:26 41:16 52:4 53:17,25 56:6,7 59:24 60:10 68:14 85:20 93:19 94:2 95:10,20 mention 21:14 mentioned 13:13 18:2 20:21 37:11 86:7 met 49:22 58:4,6 metal 9:22,24 29:2,8 78:18,21 meteorologic 58:6 meteorological 58:3 meteorology 57:4 meter 46:21 metered 46:16, 25 90:22,26 metres 9:19 13:22,25 15:11 27:19 28:8,21 29:3,5 30:4 34:7 47:7 71:8,9,11 73:1,4,5 77:26
---	---	--	--	---

78:12,24 82:2 mic 76:9 microphone 12:16 21:3 94:20 migratory 57:3, 10 minimum 71:23 Minister 72:15, 16 86:14 87:4,5, 9,10,17,19,22 88:4,8 96:15 Minister's 88:3 96:19 minutes 23:17 94:25 missing 91:16 mixed 95:3,5 Mohammad 10:22 52:16 69:13 70:5 monitor 33:1 81:6 monitored 30:25 31:23 80:5 monitoring 18:26 19:9 30:24 31:17,22 32:19, 23,24,26 33:10 45:23 46:26 47:8, 13,15,22 49:10, 12 52:25 53:3,12 58:8,9 79:16,17 80:4,24 81:3,4 91:2,8,10,16 92:19 monitors 31:18 monthly 33:2,12, 13 34:21 47:7 53:1 81:9 months 28:2 34:9 66:26 77:22 82:3 morning 2:5 8:3 20:16 22:11 66:8 68:2,26 69:2 94:5	motion 86:13 motions 21:22 22:2 move 11:10 18:11 19:10 46:14 60:18 62:13 74:6 76:7 90:19 moving 24:20 30:9,19 31:24 33:24 75:13 78:16 79:13 80:6 muffled 61:8 municipal 7:1 8:9 9:9 13:24 16:8 20:6 27:1 29:2,4,6,8,13,16 30:1,3 32:9,15 34:1 38:14 40:26 41:5 68:12 73:11 77:14 78:17,21, 23 80:17 81:23 82:15 84:6,9,12, 15 municipalities 38:19 40:14 41:5 municipality 4:21 5:2 27:26 33:20 41:1 42:4 44:4,9 64:1,26 77:21 81:16	non-domestic 57:3 north 30:5 78:25 83:6 84:26 85:2,3 Northern 2:18, 20 3:1,19 7:7 16:16 17:2 20:10 30:21 35:10 36:10 43:25 44:14,16 51:14 54:6 63:3 72:15 74:1 87:4 88:23 89:3,8,19,23 95:16 96:15 note 31:25 80:7, 15 noted 47:22 48:4, 11 49:4,9 58:21, 26 91:15,21,26 92:14,19 notes 11:2 98:6 notice 16:21,22 17:22 71:21 72:8 74:8 75:6 notification 22:1 notify 12:22 November 2:5, 15 3:10 4:23 5:4 6:4 18:1 44:7,12 75:8,10 98:9 NPC 14:10 15:18, 25 Number 13:15, 19 36:10 52:18, 21 70:9 71:2 Nunavummiut's 45:18 90:8 Nunavut 3:6,12, 15,17 4:22 5:3 6:2,6,11 8:6,11, 18,21,24 9:1,3, 25,26 12:26 13:17 15:15,16, 17,18,24 16:4 19:13,25 20:4	21:26 22:26 23:3, 15,22 24:11 25:5 26:19,20 32:17 35:24 36:11,17 39:8 40:11 43:11, 21 44:6,11,21,25 45:2,21,23 51:6 52:10,16 54:4 55:6 57:16 59:6 60:6,24 61:12,21, 24 63:22 64:6 65:5,12 67:19,22, 24 68:1 69:9,17 70:2,6,10,16,18, 20,22,24 71:3 75:13 76:16 77:6 82:23 83:9 85:22 86:21,25 87:2 88:3,16 89:13,15 90:11 94:13 95:14 96:21 97:5 Nunavut's 41:26 45:18 51:3 70:26 90:8 93:14 NWB 8:22,25 10:17 15:6,8,14 16:9 17:7,8,12 18:1 19:2 71:14, 20 72:4,7,11,13 74:8,16,18,24 75:8,10,16,23,26 76:2 95:17 96:14 NWB's 8:11 10:15 14:19 18:8 68:2 72:17	observer 57:18 obtained 11:16 46:21 obtains 9:11 Occasionally 88:7 occur 27:20 Oceans 16:18 74:3 October 17:25 66:22 offer 36:26 69:10 office 88:4 officer 6:25 7:14 19:18 20:18 56:9 Official 7:20 98:15 on-site 57:25 onerous 87:20 online 13:3 19:25,26 24:10, 21 42:23 54:16 open 14:1 51:12 57:25 58:1,6 59:7,11 73:6 76:6 93:19 opening 2:6 3:11 8:2,16 67:17 68:21,22 operation 48:2, 10,17,20 49:3 73:10 91:19,25 92:4,12,17 operations 28:5 34:2,12 49:8 58:22 81:23 operators 84:15 opportunities 21:15 opportunity 44:23 59:6 63:26 64:5 68:13 85:11 optimum 70:25
--	---	--	--	---

options 85:10,12
order 45:10
 54:13 90:2
organization
 36:19 61:1 62:2
organizing 44:22
original 15:5
 53:10
outcome 17:20
outline 17:10
 56:20
outlines 15:3
outstanding
 95:24
overland 73:12
overview 11:10
 15:2 28:11,24
 30:7,17 70:12
 72:18 78:2,14
 79:1,3,11
owner 33:23
 81:19

P

P24 10:8 75:10
pages 98:3
panel 6:8,9 10:7,
 8,9,10,11 41:16
 53:17 60:10
 75:10,23,24 87:2
 95:10 96:6,9
panel's 75:3
paper 19:5 34:16
 82:8
papers 95:2,5
park 70:24
part 31:10 49:16
 50:5 65:19 68:7
participant
 60:25
participants
 12:22 19:15,26
 62:4

participate
 54:16 57:17
 68:19 75:14
participating
 13:2 89:10 93:16
 94:14
participation
 74:19 95:21
parties 13:5,9
 14:13 16:23 17:7
 20:9 24:5 32:4
 71:24 72:9 73:24
 74:13 75:5,16
 80:11,12 85:16
 95:11 96:1
parts 86:15
party 21:18
 36:24 62:23
 65:25
pass 95:8
past 13:5 88:3
path 46:11
patience 95:25
pause 64:20
 76:22
people 24:1
 42:23 62:12
 88:21 94:17
Perfect 55:1 56:5
performance
 30:26 58:10
 79:19
period 74:10
 77:18
person 75:4,11
persons 16:10
 75:16
PHC 72:3,6
phone 60:26
phones 12:11
physically 62:11
pick 12:2 18:5
PIDO 11:4

piece 41:4
pieces 45:25
 90:12
pipeline 73:13
place 12:24 21:20
 31:2 48:26 92:10
plan 14:10 16:1
 18:20,26 32:1,5
 47:21,23,25,26
 48:2,10,17,20
 49:3,6,9,13 58:22
 79:24 80:9,12
 91:15,17,20,25
 92:5,6,13,14,18
planned 58:8
planning 15:16,
 17,24 18:25
 45:22
plans 14:13 18:21
 19:9 31:26 32:4,6
 80:8,11 83:9,12
PM 21:20 43:1,3
 67:14,16
point 9:19 13:1
 29:23 30:15
 50:12 69:3 79:9
 86:9
points 30:17
 79:11
policies 57:1
policy 45:22
pollution 57:8
ponds 28:17 78:8
population 28:1
 34:4 72:20,21
 81:25
portion 79:13
position 34:22
 44:23 82:12
potential 18:18
 38:6 40:1
power 10:1
Powerpoint 4:4,
 8,12,16,20 5:1,7,
 12 25:7,14,18,22,
 26 26:15 44:3,8
 55:8,13 69:19,22
powers 70:19
practical 19:4
 82:7
practice 23:24
 40:23 84:9
practices 57:26
 58:15 84:5,10
prayer 8:14,15,
 16,17 68:21,22
pre-hearing
 16:26 17:16,19,
 20 18:13 72:3,4
 74:11,17,23,25
 75:1,4
preparation
 18:25 19:1
prepare 18:20
 72:10
prepared 18:13
 83:19
present 9:23
 10:16 13:2 24:1,
 9,13 29:7 44:23
 62:11 68:14
 78:20
presentation
 2:10,17,22 3:12,
 14,18 4:4,8,12,
 16,20 5:1,7,9,12
 21:8,12,18 22:6,8
 23:2,5,6,16,18
 25:7,15,19,23
 26:1,5,7,10,16,18
 35:6,22 43:6,7,23
 44:4,9,15,16
 45:9,14 46:13
 47:18 51:8,11,17,
 25 52:5,20 53:22,
 26 54:12,18,25
 55:8,14,16,20,21
 56:3,14 57:23
 59:4 60:14 69:8,
 11,14,19,23 70:2,

7 74:19 76:8,10,
 14,15 77:3,6
 88:19,24 89:4,7,
 25 90:1,2 94:4,7,
 8
presentations
 17:26 53:24
 54:13 68:25 69:3,
 6
presented 25:10
 57:22 89:26
presenters
 24:10,12,20 43:4
 94:17
presenting 23:14
 54:13 56:11,17
preservation
 56:24
prevention 57:9
previous 15:13
 16:2 47:18 72:24
 77:11 79:4
previously 37:11
 38:12
prior 13:8 18:20
 28:4 30:16 31:15,
 19 34:11 48:24,
 26 50:21 58:17
 77:24 79:10 80:1
 82:5 90:1 92:8
procedural 15:2
 18:6 25:13 44:2
 55:12 62:7 69:21
 70:13 73:18
procedures
 58:12,20 86:8
proceed 8:13
 12:3 22:3,5 35:25
 45:9 94:24
proceeding
 20:25
proceedings 6:1
 8:1 11:8 12:20
 13:5 43:1,3
 67:14,16 96:15

<p>97:13 98:5</p> <p>process 17:10 24:6 41:26 51:3 56:13 57:13,18 59:7 64:4 65:4 70:12 71:14 74:7 75:19,22 90:4 93:13</p> <p>processing 10:2</p> <p>Productions 11:5</p> <p>professional 32:13</p> <p>professionals 80:21</p> <p>program 19:1 30:9 47:9 79:3</p> <p>programs 45:23 57:1</p> <p>project 6:26 15:26 20:3 31:11 32:11 42:2,8 80:19</p> <p>projected 72:21</p> <p>projections 34:5 81:26</p> <p>promoting 51:4 93:14</p> <p>propose 25:10 43:26 55:10 69:19</p> <p>proposed 13:18 16:25 75:4 87:13</p> <p>protect 45:17 90:7</p> <p>protecting 51:3 93:13</p> <p>Protection 57:8</p> <p>protective 87:19, 25</p> <p>provide 8:20 11:6 13:9 14:4 15:1 16:24 38:23 46:12 48:13</p>	<p>49:18 53:11 57:19 62:23 68:21 69:7 70:23, 25 72:6 75:17 89:3 92:1,21 94:21</p> <p>provided 14:5,12 16:11,19 17:4,12 23:3 32:2,17 35:3 46:3,25 47:21 48:12 53:3 54:11 56:15,20 58:12, 19,24 60:2 66:17 74:3,8,21 75:2,8, 24 90:15 91:1 92:25</p> <p>providing 23:24 49:26 50:11 91:3, 12 93:2</p> <p>Province 98:8</p> <p>provisions 57:9</p> <p>public 4:23 5:4,9, 13 8:4,12,23 9:2 10:7 11:11,22,26 14:19,22,23 15:4 17:22 18:2 21:10, 12,15 22:18 23:23 25:8,12 26:20 35:21 43:24,26 44:1,6, 11,22 51:6 52:4 53:25 55:10,11, 15 56:15 59:24 61:3 62:9 64:10 65:8 66:6,18 67:19 68:8 69:20, 23 70:17 72:8,10, 11,13 73:23 74:8 75:3,5,7,9,11,14, 22,26 76:6 77:7 82:22 84:14 85:13 89:11 93:17,20 95:4,9, 12,22 96:3,13,20</p> <p>Puiqsuk 9:12 83:4,5</p>	<p>pump 33:5,9 47:10 73:12 83:10</p> <p>pumped 32:22 81:1,8,10</p> <p>purpose 9:2</p> <p>purposes 47:8 93:10</p> <p>put 12:11 34:24 53:12 80:8 83:7 84:24</p> <hr/> <p>Q</p> <hr/> <p>QA/QC 47:23</p> <p>qualifications 37:8 40:21</p> <p>quality 47:20 56:25,26 84:18 85:4 91:14</p> <p>quantities 47:7 52:26 53:2,3</p> <p>quantity 22:14</p> <p>question 23:1,4 37:24 38:9,10 39:11,15,18 41:18,23 42:12 51:17,25 60:12 83:3,19,26 84:4, 22 86:16,18,24 88:12</p> <p>questioning 2:12,19,24 35:11 51:14 53:24 59:12</p> <p>questions 18:8 21:16,17 34:25 35:9,13,16,19,21, 23,25 36:3 41:10, 13,16 42:14 45:15 51:9,12,17, 21 52:2,4,6,8,12 53:15,17,19 59:8, 11,14,18,20,22,24 60:4,7,10 65:24,</p>	<p>26 66:5,10 68:15 69:5 70:15 76:4,7 82:14,18,19,22 85:13,16,18,21 88:18 90:5 93:19, 20,22,25 94:1,2, 3,11,19</p> <p>Questions/ comments 3:16, 17 82:24 85:22</p> <p>quick 72:18</p> <p>Qujannamiik 8:17 67:7 97:11</p> <hr/> <p>R</p> <hr/> <p>racing 64:21</p> <p>raised 49:23</p> <p>Rankin 11:2</p> <p>rare 88:2</p> <p>rarely 88:7</p> <p>raw 27:18 28:3 30:11 34:10 77:23 79:4 82:4</p> <p>rdwyer 61:26</p> <p>reach 85:9</p> <p>read 13:11 18:11</p> <p>ready 67:9 74:6</p> <p>reason 86:13</p> <p>reasonable 76:22</p> <p>reasons 72:15</p> <p>receipt 16:9 73:21</p> <p>receive 83:25</p> <p>received 14:25 15:6 16:5,14 18:7 22:1 38:24 64:16 65:9 73:19,26 74:15,18 75:18</p> <p>receiving 71:14</p> <p>reclamation 18:24,26</p> <p>Recognizing</p>	<p>68:25</p> <p>RECOMMENC ED 43:3 67:16</p> <p>recommend 22:3 24:7 39:20 87:8, 17 90:19</p> <p>recommendatio n 32:25 37:26 38:3,6 39:5,22,23 40:4 46:15 47:25 48:15 49:1,7,14 50:10,11,17,18, 21,23,25 52:24 90:21 91:14,19, 24 92:2,4,10,12, 17,23</p> <p>recommendatio ns 39:9 45:13 46:6,15 50:9 56:20 57:21 84:7 90:5,17,20,21</p> <p>recommended 30:26 31:26 47:23 48:23 50:3 57:24 80:8,24 81:5 84:8,10</p> <p>recommends 46:24 47:15 90:26 91:9 92:7</p> <p>reconsider 87:23</p> <p>record 11:7,23 12:20 24:1,13,22 36:10 37:20 43:13 47:6 49:19 54:21 61:3 82:26 92:26 96:8,14</p> <p>recorded 12:19 21:4</p> <p>recording 47:1, 11 91:6</p> <p>records 33:4,13 96:3</p> <p>refer 8:22 9:5 45:2 67:23 89:22</p>
--	---	---	---	--

referred 10:8 44:19 47:23	62:24,26 63:2,6, 10,14,17,18,22 65:20 66:7 67:11, 17 94:21,24 95:7	21,23 33:3,7,11 37:7,12,22,25 39:4,5,12,19 40:4,10,20 41:3 46:26 47:2 49:18, 26 50:1,18,25 80:16,18 81:9 82:10 87:4,5,14 91:2,4 92:25 93:1,2	require 16:2 39:12 93:8	20:14 45:8,17,19 57:2 89:21 90:7,9 93:14
referring 89:13			required 32:5 34:12 37:8 38:5, 17 39:8,25 40:19 46:21 47:14,19 48:21 49:16,24 50:1 58:2 71:10, 12,18,25 80:13 91:8	respect 20:24 86:13
refill 28:9	remediation 31:10 33:20,22 81:16,18			respond 52:17 53:7 83:19,26 86:22
reflect 27:17,19 77:17	remind 12:10			response 14:14 17:6 20:23 31:3, 16 32:3 33:2 36:9 48:8 80:10 85:8
refreshments 88:22	reminder 76:21	reported 33:3, 10,11,14 80:25	requirement 34:18 38:11 71:8	responses 16:19 74:4,6,14
refuse 86:14 87:15	remit 96:9	reporter 7:20 11:8 12:15 95:19 98:15	requirements 15:21,22 19:3 34:15 73:23 82:6	responsibilities 45:11,24 70:19 90:3,11
region 72:20	remote 24:6	reporting 11:9 19:2,7 34:19,20, 21 52:26 81:1,7 82:11	requires 15:12 40:17 50:10 86:16 92:24	responsible 8:25
regional 16:1	removal 19:3 34:14 48:24 82:6 92:7,8	reports 32:7 34:18 37:21 38:25,26 50:4 80:16 81:2	requiring 50:16	restoration 31:26 32:1,4 80:8,9,10
registry 14:19,23	removed 48:25 92:9	representations 71:25	reservoir 13:26 15:11 27:18 28:3, 9 33:6 34:10 73:7,13 77:23 78:1 81:11 82:4 83:6,8,11 84:13, 17,23,25 85:1,4 90:25	restrictive 87:21
regular 30:25 79:17	renew 8:6 14:6 16:6 44:24 96:22	representative 8:5 13:16 19:13 67:22	residents 70:26 72:22	resubmit 49:13
regulation 70:19	renewable 57:2	representatives 21:6 24:8 95:14	resolution 46:9, 11 54:9	resubmitted 47:25 48:14 49:5 91:17 92:14
regulations 8:26 27:2 57:5 71:3	renewal 4:5,9,13, 17 15:5 25:15,19, 23 26:1,21 27:16 28:6 40:1 42:5 64:4 65:4 77:8,15 96:17	request 21:11 34:8,14 38:14 73:4	resolve 64:11,13 65:8	results 31:22 58:20
regulatory 30:19 45:16 79:13 90:6	renewal-amendment 14:17 22:8 46:3 67:20 68:17 76:11 89:4 90:15 96:2	requested 13:15 15:20 18:17,22 22:7 33:23 58:13 73:3 74:12 81:19, 21 86:12 88:10 96:11	resolved 46:7,8, 10 47:3,17 48:1, 9,16 49:1,7,14 50:6,8,12,16 57:14 58:5,11,18, 23 59:2 90:18 91:4,13,18,23 92:3,10,16,22 93:4,7,11 95:2	resupply 13:26 15:10 27:18,21 28:5 32:21,22 33:7 34:12 46:19 77:18 80:26 81:2 90:25
reject 87:13	renewals 33:24 81:20	requesting 34:6, 20 42:10 81:21 82:1,6	resource 20:13 45:6 89:19	returned 88:8
related 10:2 14:18 34:26 35:21 36:13 39:8 69:5	replace 9:7 10:3 15:13 18:15 96:10	requests 16:13, 20 71:21,23 73:2, 26	resources 7:10	returning 96:25
relation 18:7 67:20	replacement 68:8			review 9:2 10:15 14:13 15:18 16:10,23 17:4 30:19 37:7 41:6 45:12 46:14 49:19 51:2 56:22 57:13 71:18,22 74:9,14 75:17 79:13 84:10 87:5
Relations 2:17, 19,26 3:19 7:7 16:16 17:2 20:10 30:21 35:9 36:9 43:25 44:14,16, 19 51:14 54:6 63:2 74:1 88:23 89:2,8,18,22 95:16	Replacing 13:19			
released 17:18, 22	replies 62:20			
relevant 56:19 57:1	reply 62:16			
rely 43:25	report 19:1,7 31:6 32:8,10,16,			
remain 27:22				
remarks 2:6,26 3:2,4,6,11,21 8:2				

<p>90:20 reviewed 47:20, 26 48:2,10,17 49:3,8 91:14,19, 24 92:4,12,17 reviewing 14:26 reviews 87:9 revised 14:14 15:14 revisit 88:1,10 Richard 61:26 Rights 8:24 10:1 Risk 57:10 RMR 7:20 98:14 Robert 10:21 14:21,26 18:9 62:5 69:4,7 roles 45:10 90:3 roll 2:7 19:11,16 room 11:18 13:7 Rose 8:14 10:26 68:21,23 95:18 rules 57:4 runoff 30:12 31:13,14,16,18 58:14,16,19 79:6, 25,26 80:2 Ryan 11:4,6 83:14 95:20</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>S-A-M-M-U-R- T-O-K 24:18 S-T-E-P-H-E-N 61:18 S-T-E-P-H-I-N- I-E 55:3 safe 96:25 safety 40:18,23 Sammurtok 2:8 6:24 19:19 24:17, 18,19 60:1 66:16</p>	<p>83:1,2 84:23 97:5 sample 48:21 sampling 30:9,17 31:1,11,22 48:21, 26 58:19 79:3,11 92:6,9 SAO 85:9 Sarah 10:11 53:19 60:11 86:4, 5,20,25 88:12,15 schedule 27:2 65:14 scope 13:18 16:11 18:14,15 26:25 70:12 73:8 77:12 82:16 84:13 screen 23:17 26:11,13 55:24 56:1 76:19 83:23 screening 16:2 season 14:1 50:19,20,24 73:6 seawater 66:22 Section 9:25,26 49:5,11 seeking 22:15 31:7 79:22 send 87:4,6 senior 6:25 7:13 19:18 20:17 56:8 sentence 64:21 76:23 separate 29:2 78:18 series 28:17 services 3:7,15 6:13 8:6 9:4 10:19 13:17 19:14,25 20:5 23:4,15 24:12,21 26:19 36:6 44:26 61:13 63:23 67:23 76:13,16</p>	<p>89:16 95:15 session 2:5,15 3:10,11,12,14,18 12:1 17:15 21:19 65:17,23 66:3 67:10,11,17,19 68:3,7 70:2 74:26 75:9,12,15 76:15 89:7 94:13 95:4, 12 session/phc 17:9, 13 set 8:20 9:25 12:13 40:17 settlement 9:1 70:20 sewage 9:13,14, 16 14:3 28:13,16, 21 29:9 30:5,13, 14 31:1 33:11 34:21 38:20 48:18 49:4,9 50:22 58:9 73:14, 15 78:4,7,25 79:7,8 92:5,13,18 Shaikh 6:18 10:22 52:15 53:6 69:13 70:4,6 share 21:8 40:10 76:19 94:18 sharing 23:17 26:11 55:24 sheets 11:22 short 15:25 88:20 94:25 shorthand 98:5,6 showed 56:1 shown 45:26 90:12 93:9 side 10:12,13 sign 11:22 silent 12:11,13 Silou 6:8 10:11 42:13,16 53:19</p>	<p>60:11 85:24,26 86:5 88:13 similar 38:20 Simionie 2:8 19:19 24:17,19 83:1 84:22 simplicity 45:2 89:13 simultaneous 10:25 27:9 single 40:24,26 site 14:20 18:8 32:6 75:20 80:13 84:8,11,19 sites 38:20 situated 30:5 skill 40:17 98:7 skip 13:6 slide 45:26 52:21 70:9 71:2,24 75:13 90:13 93:9 slow 27:12 29:19 64:20 slowly 12:17 61:9 sludge 18:20,21 30:23,24 31:1,3, 8,10 48:22,23,24, 25 50:21 58:8,10, 12 79:15,16,20, 23 92:6,7,9 small 28:17 78:8 smoke 83:7 84:25 85:1,3,5 snacks 12:7 soil 56:26 81:16 soils 18:24 33:18, 20,22 48:7 81:14 solid 9:20 14:3 28:26 29:2,4,6,8, 11,13,16,24 30:1, 3,7,12 31:15,16, 18 34:20,22,26 38:20 48:3,11 58:15 73:16</p>	<p>78:16,18,21,23 79:1,6,26 82:12 84:7,11,19 91:20, 25 Sound 7:22 source 33:7 46:22 south 29:3 southeast 29:5 southwest 9:13 speak 12:16,17 20:22,26 21:1,3, 12 23:10 53:26 61:9 speaking 39:7 special 94:16 specialist 40:26 specialized 40:17 Species 57:10 specific 22:22 32:6,13 37:26 38:1 80:14,21 88:11 specifically 38:16 speed 76:22 spell 24:13,22 43:13 54:20 61:16,17 spelled 24:15 55:2 SPOKEN 19:20 60:1 66:16 squared 30:4 78:24 St 98:8 staff 6:11 10:14 19:21 21:2 35:24 36:3 41:10 52:7, 11 56:7 60:4,7 66:17 69:9 75:16 76:2 84:6,9 88:17 94:1 95:17</p>
---	--	--	---	---

stage 8:20 15:4 71:25 72:5,11 start 29:23 35:9 51:12,16 56:17 59:13 64:20 started 65:14 68:20 69:8 76:21 starting 45:10 46:15 62:24 70:9 90:2 starts 71:14 83:7 85:1,3 state 12:17 24:13, 22 43:12 54:20 61:1 82:26 stated 36:11 74:6 states 47:5 station 30:10 46:26 47:9,14,15, 22 53:12 73:12, 14 91:2,8,10,16 stations 31:23 49:11 80:4 92:20 status 57:18 step 72:2 74:7 Stephanie 10:18 36:1,7 52:10 60:6 68:2,4 69:12 77:2 86:20 88:15 Stephen 61:11 Stephinie 2:21 20:17 35:17 51:26 54:20 55:2, 4 56:8 63:12 steps 15:2 17:10 18:6 50:15 70:14 75:21 86:8 stick 52:18 stop 66:9 storage 9:22 13:26 29:4 73:13 78:19 stringent 87:26	structures 49:17, 25 92:25 93:3 study 36:12,16, 23,25 submission 18:25 19:2,6 34:16,17 50:4 71:22 82:8,10 submissions 14:15 17:26 18:7 19:5 62:16 submit 17:25 18:20 71:24 74:12 submitted 21:7 34:17 37:23 42:7 44:25 45:13 47:24 50:2 57:12, 15 67:21 74:13 82:9 submitting 50:13 success 95:12 suggest 37:9 66:2 suggested 40:22 summaries 14:8 summarized 17:19 summary 14:4 45:14 50:15 supplementary 73:16 supplied 28:4 33:4 34:10 77:24 82:5 supply 14:2 27:25 28:11 30:11 32:26 46:16,22 47:10, 14,16 50:14 52:26 53:4 73:11, 13 77:19,20 78:2 79:5 81:5,8,10 90:22 91:9,10 support 11:4 14:5,17 38:15	41:5 73:9 supporting 16:5 46:4 supports 45:21 supposed 17:11 42:13 Surface 8:24 9:26 suspect 23:7 sustainable 51:4 93:15 swear 23:26 Sworn 2:16 43:19	ten-minute 60:18,19 88:21 ten-year 13:21 18:16 22:15 42:9 Teresa 10:22 12:24,25 19:22 21:24,25 22:4,24, 25 23:13,20,21 25:4 43:9,10,20 44:13 53:26 54:2, 3 55:5,18 60:21, 23 61:20,23 65:10,11 66:12 69:16 86:22,25 term 13:21 18:16, 22 22:15 33:26 40:2,5,16 46:8 49:21 73:2 81:22 terms 41:7 52:24 87:8,12,18,19,20, 24 88:1,6,9,11 tested 31:15 58:17 80:1 testing 84:16 92:7 thing 54:10 66:8 86:14 things 35:1 86:11 third-party 36:18,19 37:6,25 40:4 Thirdly 11:26 Thompson 7:18 11:1 95:19 thought 42:13 84:23 threshold 15:11 time 15:14 17:21 20:25 22:17 29:20 31:12 32:5 38:24 41:13 42:24 52:12 56:14 60:8 62:21 64:22,23 66:3,4,5 70:14 76:3 80:12	82:18,19 85:21, 23 88:20 93:20, 23,25 timeline 42:1,9 71:23 timelines 74:10 75:4 timing 18:19,25 19:1 41:19 TM 72:3 TM/ COMMUNITY 17:9,12 today 10:10 11:11 13:9 56:11 65:15 75:10 89:10 93:16 today's 93:10 95:4 tomorrow 66:8 tonight 21:20 65:17 66:2,18 67:12 70:8 94:15, 17 tonight's 68:3,7 94:13 95:5 Toomasie 6:7 8:10 67:26 touch 56:18 tracking 62:12 tradition 20:24 training 32:13 80:21 transcribed 98:6 transcript 3:22 21:4 98:1,4 translated 18:3 56:14 translation 83:15 Translator 7:17, 18 transports 29:13,26
--	--	--	--	--

travels 9:17
96:25

treatment 9:14,
16,18 18:19
28:13 29:9 30:16,
26 31:19 41:19
58:10 73:16 78:4
79:10,18,22 92:6

Tribunal 8:25
10:1

triggers 18:19

truck 28:16
29:12,26 78:7

truck-fill 73:14

trucked 9:13

true 24:3,4

turn 12:11 21:21
24:9 35:7 53:23
76:9

type 4:22 5:3,8,14
8:7 9:7,8 10:3,5
13:14,19,21 15:6,
12,13,19,21,22
16:6 18:14 22:13,
21 26:22 27:17
32:11 36:13 37:8
38:1 39:20,25
40:18 44:5,10,24
46:4 49:24,26
55:15 69:24
70:10 71:10,12,
13,16 72:25 73:1
77:8,17 80:19
90:16 93:3 96:10,
17

types 38:18,20
50:1

typical 40:23

U

unable 32:8
80:16

understand 24:2
38:2 39:15,26

understanding
19:24 25:9 45:18
54:17 90:8

undertake 32:14
36:12 80:22

undertaken
36:17,24

undertaking 8:9
9:9 13:24 15:12
16:8 27:1 32:11
68:12 71:16
77:14 80:19

unfeasible 40:25

units 22:21

unknown 41:25

unsure 22:18
36:26

unusual 62:9

update 58:24
59:3 61:22

updated 14:12
17:10

upgrade 79:22,
23 86:10

upgraded 28:15
78:6

upgrading 42:3

usage 33:12,14

utilization 70:23

V

valid 40:6

valuable 95:21

variants 87:17

verified 24:3

version 56:14

Vidal 7:20 11:9
95:19 98:3,14

video 17:16

viewing 14:22

views 21:8 94:18

visitors 96:25

visual 31:4 79:20

volume 33:1
34:13 81:6 91:1

volumes 31:9
32:20,21 33:2,8,9
46:25 47:2,12
50:13 58:11
80:23,25 81:1,7,
10

W

W-I-L-S-O-N

43:15

wait 12:16

wanted 65:2 94:9

washrooms 12:4

waste 8:8 9:9,20
13:23 14:3 18:21
19:7 27:1,21
28:26 29:2,4,6,8,
11,13,16,24 30:1,
3,7,12 31:15,17,
18 34:19,20,22,
26 38:20 48:3,4,
11 57:26 58:1,15
68:11 71:5 73:16
77:14 78:16,18,
21,23 79:1,6,26
82:11,12 84:8,11,
19 91:20,25

wastes 68:10

wastewater
18:18 28:24
34:26 41:19,24
42:3 78:14 79:22

water 3:13,17
4:5,9,13,17,22
5:3,8,14 6:6,11
7:8,10 8:7,8,11,
18,21 9:7,8,11
10:3,5,6 12:26
13:14,19,21,22
14:1,2,6,7 15:6,9,

12,13,16,19,21,23
16:4 18:14,17,18
19:2,3 20:13,14
21:26 22:13,14,
16,20,26 23:22
25:5,15,19,23
26:1,20,22,26
27:18,21,24,25
28:3,11 30:11
32:15,17,26 33:1,
5,6,12,14,25
34:2,6,10,13,26
35:1,24 36:1,6
37:10,19 38:11,
14 39:1,14,16
40:11 41:4,11
43:11,21 44:5,6,
10,11,21,24 45:2,
5,6,7,11,16,18,20,
21,23 46:5,16,20,
22,24 47:5,8,9,
12,14,16 49:15
50:14 51:2,6
52:7,10,16,26
53:4 54:4 55:6,15
56:12,22,25
57:16 59:6 60:4,
6,7,24 61:21,24
62:1 64:3,6 65:2,
5,12 67:19,24,25
68:1,7,9,10,16
69:9,17,25 70:2,
6,10,11,16,18,22
71:2,3,5,7,9,17
72:26 73:3,5,6,7,
9,11,12,13,19
74:21 75:6,13,19
76:7 77:7,9,13,
19,20,23 78:2
79:4 81:5,6,8,10,
21,23 82:1,4,15,
16 83:10 84:16,
18 85:5,22 86:1,
12,15,21,26 87:1,
2,6,7,9,11,13,14,
15,16,18,23 88:3,
4,8,9,10,11,16
89:11,14,17,19,

20 90:4,6,8,10,
16,21,22,26 91:6,
9,10 92:24 93:13,
14 94:13 96:17,
21,23 97:6

waters 9:26 51:4
67:1 70:23,25

watershed 28:2
34:8 72:23 77:22
82:2

weather 66:21

website 49:20
93:1

week 17:1 29:12,
25

week's 75:22

weeks 46:19
90:24

west 9:15 28:14
29:14 30:2 78:5

wetland 9:16,17
29:10 30:16
31:19,21 73:15
78:8 79:9 80:4

wetlands 28:17,
19,21 78:10,12

wholistic 38:13

Wilson 2:16 7:8
20:12 35:12
43:14,15,19
44:18 45:5 53:8,9
59:21 63:4 72:22
85:17 89:9,17

wind 84:26 85:2

winter 66:26

wintertime
66:25

withdraw 73:5

withdrawal 33:8
73:8 82:1

withdrawals
27:20 34:7 77:18

withdrawn
32:20 80:25

witnesses 43:12

work 51:1 64:2,3
65:1,3 67:2 84:6,
9 93:12 97:8

working 37:2
61:2 66:19 67:6

works 7:1 20:6
45:17 69:13
84:15 90:7

wrap 45:14

write 87:22

written 17:26
71:24 72:9 75:7,
17

wrong 56:1

Y

year 28:3,4 34:9,
11 37:13 38:23
40:24 41:1 48:15
73:1 77:23 82:3

years 32:9 33:26
34:4 73:2 80:18
81:22,25

youth 97:9

Z

Zoom 62:4,6,10
83:14