



“When You Talk - We Listen!”



PARAMOUNT RESOURCES LTD.

POINTED MOUNTAIN GAS FIELD REMEDIATION PROJECT
WATER LICENCE MV2023L1-0010 and LAND USE PERMIT
MV2023A0028 APPLICATION

PUBLIC HEARING

Panel Members:

Tanya MacIntosh	Chairperson
Camilia Zoe-Chocolate	Member
Lesley Allen	Member
Cathie Bolstad	Member

HELD AT:

Community Hall

Fort Liard, NT

April 9, 2025

Day 1 of 2

1 APPEARANCES
2
3 Chris Hotson) MVLWB staff
4 Heather Scott)
5 Andy Wheeler)
6 Erica Janes)
7 Amanda Gauthier)
8 Kathy Racher)
9 Toby Kruger) Legal Counsel
10
11 Terence Hughes) PARAMOUNT RESOURCES
12 Ian Keir (by ZOOM)) LTD.
13 John Hawkins (by ZOOM))
14 Emma Stienne (by ZOOM)) Millenium Solutions
15 Pete Marshall (by ZOOM)) Adelantar Consulting
16 Dale Mangan) Adelantar Consulting
17
18 Bill Pain) GNWT-ECC
19 Rick Walbourne)
20 Lee Ross)
21 Christopher Penner (by ZOOM))
22 Wendy Bidwell (by ZOOM))
23 Dani Rogers (by ZOOM))
24 Richard Nesbitt) Hutchinson Environment
25 Drew Stavinga (by ZOOM)) Arktis

1 APPEARANCES (cont'd)
2
3 Jamie Van Gulck) Arktis
4 Julia Paille) Legal Counsel
5
6 Sara Forte (by ZOOM)) ECCC
7 Erik Allen (by ZOOM))
8 Mitchell Johnsen (by ZOOM))
9
10 Tamarra Lewis (by ZOOM)) Acho Dene Koe
11 Mark MacDougall) First Nation (Shared
12) Value Solutions)
13 Chief Eugene Hope)
14
15 Will Richmond (by ZOOM)) DFO
16
17 Blake Chalmers (by ZOOM)) DFA Contracting
18
19 Keith Baron (by ZOOM)) Secure Waste
20) Management
21
22
23
24
25

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1		LIST OF UNDERTAKINGS	
2	Undertaking No.	Description	Page No.
3	1	References to guidelines used for	
4		determining criteria used for placement	
5		of material in landfill.	
6		Paramount to provide a formal reference	
7		(i.e. link to online document or APA	
8		format reference of document) list to	
9		the "Paramount Pointed Mountain Ltd.	
10		Pointed Mountain Gas Field - response	
11		to interventions regarding a potential	
12		onsite landfill" by Millennium EMA	
13		Solutions Ltd. Dated March 13 th , 2025	
14		in regard to the list of guidelines	
15		used below:	
16		1. "generic guidelines" referring to	
17		NWT hazardous waste of Page 3	
18		2. DW - Protection of Potable Drinking	
19		Water guideline on Page 5	
20		3. VI - Vapour inhalation guideline on	
21		Page 5	
22		4. HDC - Human direct contact	
23		guideline on Page 5	
24		5. FAL - Protection of groundwater	
25		flow to aquatic life guideline on	

1		LIST OF UNDERTAKINGS	
2	Undertaking No.	Description	Page No.
3		on page 5.	
4		6. ECO - Ecological direct soil	
5		contact guideline on Page 5	
6		7. SFI - Wildlife soil and food	
7		ingestion guideline on Page 5	
8		8. Alberta Tier 1 Guideline on Page 5	
9		9. BC CSR standard for DW and FAL	
10		(applied in the absence of a CCME	
11		guideline) on Page 5	
12		10.Tier 1 soil quality guidelines	
13		available from the Canadian Council of	
14		Ministers of the Environment (CCME) on	
15		Page 3	
16	2	Distances of contact water discharge	
17		locations to surface water.	
18		Paramount to provide a list of	
19		locations where discharges of contact	
20		water to land would be closer than 250m	
21		to the nearest body of surface water.	
22			
23			
24			
25			

1 --- Upon commencing at 2:02 p.m.

2

3 THE CHAIRPERSON: My name is Tanya
4 McIntosh and I am the chair of the Mackenzie Valley
5 Land and Water Board. Welcome to the public Hearing
6 for Paramount Resources Limited's application for a
7 type 'A' water licence. I would like to begin with a
8 land acknowledgement.

9 It is a longstanding tradition for
10 Indigenous people to acknowledge the land that we are
11 on. It is about honouring and protecting the land and
12 the water, and in that we honour ourselves.

13 We respectfully acknowledge that we are
14 on Treaty 11 lands, which is the Traditional
15 territories and homelands of the Dehcho First Nations,
16 specifically, the Acho Dene Koe First Nation and the
17 Metis local number 67.

18 Our respect and gratitude also include
19 acknowledgement of the historical and ongoing presence
20 of the Dene, Inuvialuit, Metis, and Cree peoples who
21 have had a long and enduring connection to this land.
22 We humbly encourage everyone to reflect upon the
23 historical legacies held in the land that they occupy.

24 We respect the histories, languages,
25 and cultures of all Indigenous people that we serve.

1 Mahsi cho.

2 I originally intended to ask for an
3 opening prayer from local community members and so I'm
4 just wondering if anybody would feel comfortable
5 offering opening prayer. If not, I'm happy to do it.
6 Anybody...?

7 Okay. Camilia Zoe-Chocolate, please go
8 ahead.

9

10 (OPENING PRAYER)

11

12 THE CHAIRPERSON: Mahsi cho, Camilia,
13 for starting our meeting off in a good way. Just so
14 that we can also start in another good way, I'd like
15 to invite Chief Eugene Hope and sub Chief Donny
16 Bertrand to say a few words.

17 Chief Eugene Hope, please go ahead.

18 CHIEF EUGENE HOPE: Chief -- sub Chief
19 Donny Bertrand is sick today. He won't make it. This
20 is one (1) of the members that -- from the community
21 that live and use the area for hunting and a
22 livelihood.

23 Thank you for having this meeting here
24 today; I appreciate it. Come to this community on the
25 difficulty that it would have members attending

1 Yellowknife. We'll probably have a better turnout
2 this evening. I'm hoping membership coming in to
3 speak to you guys.

4 I guess I should introduce myself. My
5 name is Chief Eugene Hope, Acho Dene Koe First Nation
6 here in Fort Liard. I was first elected in 2017 as a
7 Chief and have been elected a few times back into
8 office.

9 I'll speak more on the subject once we
10 get -- before our presentation to just get the meeting
11 started and listen to the presentation of Paramount.
12 Thank you.

13 THE CHAIRPERSON: Mahsi, Chief Eugene
14 Hope. It's a pleasure to have you here. And it's a
15 pleasure for us to be here. Again, I just want to say
16 thank you to everybody for joining us here in person.
17 I know that it was a bit of a trip for us to get here
18 this morning, so.

19 I'd like to start with some
20 housekeeping items before we start. We were
21 unfortunately unable to obtain a translator, so there
22 will be no translating services as of now, but that
23 may change for later on tonight if things -- things
24 work out.

25 Washrooms are located right here. And

1 there are emergency exits here and the door that you
2 came in the front there.

3 For those that are not aware of what
4 the Wi-Fi is, I'll just read it out to you in case you
5 haven't had it. The -- it's starlink2. And then the
6 password for that is Pido6666, and that's with a
7 capital 'P'.

8 For those of you in the public Hearing
9 room, please ensure your cell phones are in silent
10 mode and that your computers are on mute. This will
11 limit interruptions during our meeting.

12 In accordance with the privacy
13 legislation, please do not record the public Hearing
14 or take screen captures or pictures of the Hearing.
15 Any media wanting to take photos are asked to do so at
16 the breaks.

17 For this public Hearing, we are going
18 to sit from two o'clock to 6:00 p.m. The agenda is at
19 the discretion of the chair, and we will have
20 appropriate breaks for refreshments and dinner.
21 However, if the proceeding concludes earlier than
22 anticipated, we will break for the day and reconvene
23 for the evening session.

24 There will be time set aside this
25 evening between 7:30 and 9:00 p.m. for members of the

1 public to address the Board regarding the
2 applications. If you wish to address the Board as a
3 member of the public or ask questions to the
4 presenting parties, you must sign in. There is a
5 sign-in sheet available with our staff here. And our
6 staff is sitting on the right-hand side over here --
7 or to my right, I guess, your left.

8 If you are participating virtually,
9 please let the Board staff facilitator know. This
10 will help us ensure that we have time allocated for
11 members of the public who wish to speak.

12 Chris Hotson, Mackenzie Valley Land
13 Board -- Mackenzie Valley Land and Water Board staff
14 and technology coordinator for this public Hearing, do
15 the logistics and considerations for this hybrid in-
16 person and virtual public Hearing.

17 Chris, please go ahead.

18 MR. CHRIS HOTSON: Thank you, Madam
19 Chair. So, for those joining online, we do ask that
20 you mute your microphones unless it's your turn to
21 speak. If you do lose internet, please let someone in
22 your organization know so that they can then go into
23 the Zoom chat and let us know here so that we can
24 pause the Hearing if necessary.

25 If you do have a question you wish to

1 ask, it has to be during your -- your sections, time
2 to ask questions. So, when the Proponent presents,
3 then it'll be ADKFN's opportunity to ask questions,
4 and then ECCC, and then GNWT, et cetera. Members of
5 the public go after the -- the Interveners. And you
6 would have to put your name into the chat and say, I
7 have a question to ask. I will give that to the
8 Chair. And the Chair will then call you in turn.

9 Apart from that, again, just a
10 reminder, this is a public Hearing. It's being
11 transcribed, and you must state your name before
12 anytime you speak. And if you haven't already done
13 so, please put your affiliation and your name on the
14 Zoom chat.

15 So, I can see, for example, there's an
16 Erik Allen. I don't know what organization you're
17 with, so if you can put an acronym or something behind
18 your name. There's a few other people I think, as
19 well. But by and large, we know most people, and we
20 will by the end of the Hearing, but it's just so that
21 we can have a handle on who's with who.

22 And I think in short order, that's --
23 that's about all there is to say for now. Thank you.

24 THE CHAIRPERSON: Thank you, Chris.
25 Tanya McIntosh, Mackenzie Valley Land and Water Board.

1 I'm just going to continue on with the housekeeping.
2 Many of likely familiar with the background of the
3 Board, but I will provide a brief overview for those
4 who may not be aware of who we are and what we do.

5 The Mackenzie Valley Land and Water
6 Board was established under Part IV of the Mackenzie
7 Valley Resource Management Act in March of 2000. We
8 exercise authority over land use permitting and water
9 licensing in the Mackenzie Valley under the Mackenzie
10 Valley Resource Management Act and the Waters Act
11 respectively.

12 This Panel of the Mackenzie Valley Land
13 Water Board has been established in accordance with
14 Section 104 of the Mackenzie Valley Resource
15 Management Act.

16 Over the next two (2) days, the
17 Mackenzie Valley Land and Water Board will conduct a
18 Hearing for a type A water licence and a type A land
19 use permit as applied for by Paramount. This is for
20 the remediation of the Pointed Mountain gas field.

21 The applications were circulated for
22 initial review on May 8th, 2024, to a wide
23 distribution list for comment with comments due and
24 submitted on June 19th, 2024. A work plan for this
25 proceeding was circulated on May 8th, 2024.

1 The work plan for this proceeding was
2 subsequently revised five (5) times, the first time to
3 reflect comments from parties on the draft work plan,
4 the second time to allow enough time between receipt
5 of presentations and the public Hearing, the third
6 time to incorporate an Information Request process,
7 the fourth time based on Paramount's request to extend
8 the deadline for responses to the Information
9 Requests, and the fifth time to include the location
10 of the Technical Session.

11 On June 12th, 2024, the Board invoked
12 paragraph 22(2) (b) of the Mackenzie Valley Land use
13 regulations to allow further study and investigation
14 to be conducted for the permit application.

15 Board staff held a Technical Session in
16 Yellowknife and virtually via Zoom on January 15th and
17 16th, 2025, to give parties an opportunity to clarify
18 issues and request additional information before
19 submitting public Hearing interventions.

20 This Hearing was advertised in
21 News/North NWT on February 24th, 2025, in accordance
22 with paragraph 41(2) (a) of the Waters Act and Section
23 24 of the Mackenzie Valley Resource Management Act.

24 Board staff held a pre-Hearing
25 conference on February 14th, 2025, which identified

1 the procedure to be followed at this Hearing. No
2 legal issues were raised at the pre-Hearing
3 conference.

4 On February 20th, 2025, the Board
5 conducted a preliminary screening in accordance with
6 Section 125 of the Mackenzie Valley Resource
7 Management Act.

8 By February 28th, 2025, interventions
9 were received from Acho Dene Koe First Nation, the
10 Government of the Northwest Territories Department of
11 Environment and Climate Change, and the Environment
12 and Climate Change Canada.

13 On March 14th, Paramount submitted
14 their responses to the interventions. For this
15 Hearing, the Board asks for your cooperation in being
16 prepared to make your presentations in the order set
17 out in the agenda and to be organized and focused in
18 your questioning of other parties.

19 Please be reminded that all questions
20 should be focused on seeking clarity on issues that
21 will assist the Board in their decisions relating to
22 the water licence and land use permit applications.

23 Out of respect for all others
24 participating, this opportunity to ask questions
25 should not be used to advocate positions or express

1 opinions. While there may be difference in opinions
2 about (INDISCERNIBLE) and the issues we will be
3 discussing, we expect all participants to proceed in a
4 respectful manner. If you are not during this
5 Hearing, you will be asked to leave.

6 The Board and Board staff appreciate
7 professional (AUDIO CUTS OFF) and I would ask that all
8 comments and any requests be addressed through the
9 Chair.

10 An agenda for this Hearing was sent out
11 on April 1st, 2025, and can be found on the Board's
12 online registry. We also have a few copies available
13 in the room. I believe those were set out on the
14 table at the front there.

15 As set out in the agenda, we will begin
16 the Hearing by giving Paramount and the Interveners
17 the opportunity to introduce themselves. Following
18 the introductions, Paramount and the Interveners will
19 be asked to make presentations summarizing their
20 written interventions.

21 The order of proceeding will be as
22 follows: The Board will, first of all, hear from
23 Paramount regarding their applications. Once they
24 have completed their presentation, the order of
25 questioning will be as outlined in the agenda or as

1 otherwise directed by the Chair.

2 When the questions directed at the
3 applicant are completed, we will proceed as written in
4 the agenda with presentations from the registered
5 Interveners.

6 Again, there will be opportunities for
7 questions after each presentation and the order for
8 these questions will be -- will be as outlined in the
9 agenda or is otherwise directed by the Chair.

10 Once all the interventions have been
11 presented, the applicant, Paramount, will have the
12 opportunity for -- to offer a reply. This is the
13 opportunity for Paramount to bring forward additional
14 evidence to support the Board's decision-making based
15 on discussions and questions derived from this
16 Hearing.

17 Next, all parties will have a few
18 minutes to provide brief closing statements.
19 Following that, the public Hearing will come to a
20 close.

21 Please note that the final closing
22 arguments will not be provided at the end of the
23 public Hearing. Final closing arguments can be
24 submitted in writing by July 10th, 2025. Parties can
25 also use closing arguments to update their positions

1 based on the discussion at this Hearing and to
2 summarize their final recommendations to the Board.

3 Other important dates in this
4 proceeding are outlined in the work plan, Version 5,
5 that was distributed to all parties. A copy is also
6 available from Board staff.

7 I would like -- I would now like to
8 take a moment for introductions from the members of
9 the Mackenzie Valley Land and Water Board and our
10 staff. I will start first.

11 I am Tanya McIntosh. I'm a Sahtu
12 beneficiary. My great-grandfather was Chief Saul
13 Blondin, who was a signatory on Treaty 11. My
14 grandparents, Joe and Marie Blondin, are from Norman
15 Wells and are quite well-known.

16 My -- my maternal grandmother is
17 Cecilia Modeste, who was from Deline. And my mother
18 is Ethel Blondin-Andrew. Thank you.

19 I would like to turn it over to the
20 rest of our Board members, and I will start with
21 Lesley, please.

22 BOARD MEMBER ALLEN: Good afternoon,
23 everybody. My name is Lesley Allen. This is my
24 second term on the Board. And I'm very pleased to be
25 here. And I am very thankful for the beautiful day

1 today. So, I hope we have good meetings. Thank you,
2 Madam Chair.

3 BOARD MEMBER BOLSTAD: Good afternoon,
4 everyone. My name is Cathie Bolstad, member of the
5 Mackenzie Valley Land and Water Board. And I am
6 serving my first term on the Board. I'm really happy
7 to be here in this community for this Hearing.

8 BOARD MEMBER ZOE-CHOCOLATE: Hello.

9

10 (TLICHO SPOKEN)

11

12 BOARD MEMBER ZOE-CHOCOLATE: My name
13 is Camilia Zoe-Chocolate. I'm from Behchoko. I'm a
14 Tlicho citizen. And my parents are Lucy and Johnny
15 Zoe-Chocolate. And this is my third term as a
16 Mackenzie Valley Land and Water Board member. Thank
17 you.

18 MR. TOBY KRUGER: My name is Toby
19 Kruger. And I'm a lawyer in Yellowknife. And I'm
20 Board legal counsel. Thank you.

21 DR. KATHY RACHER: Hi, everyone. I'm
22 Kathy Racher. I'm the executive director of the
23 Mackenzie Valley Land and Water Board.

24 MR. CHRIS HOTSON: Good afternoon. My
25 name's Chris Hotson, regulatory manager, Mackenzie

1 Valley Land and Water Board.

2 MS. ERICA JANES: Hi, I'm Erica Janes,
3 regulatory specialist, Mackenzie Valley Land and Water
4 Board.

5 MS. HEATHER SCOTT: Good afternoon.
6 My name's Heather Scott. And I'm the senior technical
7 advisor for the Board.

8 MR. ANDY WHEELER: Good afternoon.
9 Andy Wheeler, regulatory specialist for the Mackenzie
10 Valley Land and Water Board.

11 MS. AMANDA GAUTHIER: Amanda Gauthier,
12 executive coordinator for the Mackenzie Valley Land
13 Water Board.

14 THE CHAIRPERSON: Thank you. I will
15 offer introductions to the rest of the people in the
16 room. I just have a few more speaking notes, and then
17 we can do that.

18 I would like to thank Wendy Woodworth,
19 who is overseeing the transcription remotely, as well
20 as Ryan Dempster, from Pido Productions, for looking
21 after the sound and video.

22 I also want to give a shout out to
23 Christina Powder (phonetic), of Tina's Kitchen and
24 Grill, who is providing our delicious food.

25 Thank you to Evelyn Wilson, of the

1 Hamlet of Fort Liard, also for the hall rental. Thank
2 you to Tom Wezelman, of Beaver Enterprises, for our
3 transportation.

4 Before we begin with the presentation
5 by the Applicant, I would like to ask that the
6 spokesperson for Paramount identify themselves and the
7 members of their team for the record. We will then do
8 the same for the registered Interveners.

9 Paramount, please proceed with
10 introducing your team. Thank you.

11 MR. TERENCE HUGHES: Sure. Thanks.
12 Good afternoon, everybody. I'm Terence Hughes. I do
13 regulatory and community affairs at Paramount. And
14 then I'll let the people online introduce themselves.

15 MR. JOHN HAWKINS (by ZOOM): Hi. Good
16 afternoon. I'm John Hawkins, asset director for asset
17 retirement for Paramount. I look forward to reviewing
18 our proposal with the Board and public. Thank you.

19 MR. IAN KIER (by ZOOM): Good
20 afternoon. Ian Kier. I'm the environmental
21 representative for Paramount.

22

23 (BRIEF PAUSE)

24

25 MR. IAN KIER (by ZOOM): Emma, do

1 you want to go ahead, and then Adelantar as well, our
2 representatives?

3 MS. EMMA STIENNE (by ZOOM): Sure.

4 Hi. Yeah, my name's Emma.

5 MR. TERENCE HUGHES: Emma, just one
6 sec. Ian, we lost you guys for a minute. IT's
7 working on it. But you guys are back now. So, Ian,
8 if you don't mind introducing yourself to everybody.
9 And then maybe we will go to Emma. I don't know if
10 you did or you didn't, but if you did, we didn't see
11 you.

12 MR. IAN KIER (by ZOOM): Okay. Did
13 you get John?

14 MR. TERENCE HUGHES: We did. Yeah.
15 He -- that's when I cut off. So, just so everybody
16 knows, John Hawkins is the director of asset
17 retirement obligations at Paramount Resources. He got
18 to about that point. Then I cut off. So, then I'll
19 let Ian introduce himself here.

20 MR. IAN KIER (by ZOOM): Okay. Well,
21 we did get -- just so everyone knows we did get cut
22 off once during the speaking as well earlier. So,
23 hopefully that's not something that's going to
24 continue.

25 But I'm Ian Kier. I'm the

1 environmental representative for Paramount.

2 MS. EMMA STIENNE (by ZOOM): Hi, my
3 name's Emma Stienne. I work for Millenium EMS
4 Solutions. And we've been providing environmental
5 support to Paramount's assessment remediation and
6 reclamation planning.

7 MR. PETE MARSHALL (by ZOOM): Good
8 afternoon. I'm Pete Marshall, from Adelantar
9 Consulting. And we are providing input to Millenium
10 and Paramount with regard to the soil containment
11 facility.

12 THE CHAIRPERSON: Thank you,
13 Paramount, for the introductions. I'd like to move to
14 the Acho Koe Dene First Nation. Our first Intervener,
15 if they could introduce their team, please.

16 MR. MARK MACDOUGALL: Good afternoon.
17 Mark MacDougall, senior regulatory specialist with
18 Shared Valley Solutions and lands director on behalf
19 of Acho Dene Koe First Nation.

20 CHIEF EUGENE HOPE: Chief Hope, with
21 Acho Dene Koe First Nation. Thank you.

22 MR. MARK MACDOUGALL : And I think
23 online -- Tamarra is also online. If you can
24 introduce yourself.

25 MS. TAMARRA LEWIS (by ZOOM): Hello.

1 My name's Tamarra Lewis. I'm a water resource
2 engineer for Shared Value Solutions representing ADKFN
3 today. Thank you.

4 THE CHAIRPERSON: Thank you to ADKFN
5 for your introductions. I'd like to move over to the
6 next intervener for their team introductions, and
7 that's Government of the Northwest Territories,
8 Department of Environment and Climate Change. Please
9 go ahead and introduce your team. Thank you.

10 MR. RICK WALBOURNE: Thank you, Madam
11 Chair. My name is Rick Walbourne. I'm the director
12 of regulatory and permitting for GNWT Environment and
13 Climate Change.

14 Joining me here today, we have the
15 manager for the water regulatory unit, Mr. Bill Pain,
16 and as well as Mr. Lee Ross, regulatory and science
17 advisor for that unit. Our -- our legal counsel,
18 Julia Paille, is also joining us here in person.

19 As well, we're joined by Mr. Richard
20 Nesbitt and Dr. Jamie Van Gulck, who are assisting us
21 with water management onsite and closure aspects of
22 the site and our security estimate respectively.

23 We also have Mr. Drew Stavinga online
24 who's also supporting closure and security. Thank
25 you, Madam Chair. We look forward to a productive

1 Hearing.

2 THE CHAIRPERSON: Thank you so much,
3 GNWT-ECC, for introducing your team. I'd like to move
4 over to Environment and Climate Change Canada.

5 MR. MITCHELL JOHNSON (by ZOOM): Good
6 afternoon. My name is Mitchell Johnson. And I'm a
7 senior environmental assessment officer with
8 Environment and Climate Change Canada. And I'm
9 joining virtually today from Edmonton, Alberta.

10 Also joining today from Environment and
11 Climate Change Canada we have Sarah Forte, our water
12 quality analyst. And then we also have Erik Allen
13 joining, who's another senior environmental assessment
14 officer joining to observe.

15 MR. CHRIS HOTSON: Madam Chair, if you
16 can go back -- this is Chris Hotson, sorry -- go back
17 to GNWT for a moment. They have some additional
18 people online.

19 THE CHAIRPERSON: Please go ahead for
20 the GNWT-ECC. For those that are online, introduce
21 yourselves. Thank you so much. Sorry about that.

22 MR. RICK WALBOURNE: Thank you, Madam
23 Chair. Apologies. Rick Walbourne. Yeah. Also
24 online we have Ms. Wendy Bidwell, senior water
25 resource officer, and Dani Rogers, also from regional,

1 inspector. So, they're also for GNWT. Apologies. I
2 forgot they were on the line. Rick Walbourne. And
3 Chris Penner, an inspector.

4 THE CHAIRPERSON: Okay. Thank you.
5 And my apologies as well. If I could go back to --
6 thank you for introducing your team. If I could go
7 back to Environment and Climate Change Canada. Please
8 introduce your team again. My apologies for the
9 interruption.

10 MR. MITCHELL JOHNSON (by ZOOM): No
11 worries. My name is Mitchell Johnson. I'm a senior
12 environmental assessment officer with Environment and
13 Climate Change Canada joining virtually from Edmonton,
14 Alberta.

15 And then we also have Sarah Forte, our
16 water quality analyst at Environment and Climate
17 Change Canada, joining virtually, and Erik Allen, our
18 -- another senior environmental assessment officer,
19 joining virtually.

20 THE CHAIRPERSON: Thank you so much
21 for introducing your team, ECCC. We're going to move
22 on to the presentation part. And so, just -- I think
23 I'm not even following the rules. Tanya McIntosh
24 chair, Mackenzie Valley Land and Water Board.

25 So, just as a reminder before we do the

1 presentation from Paramount, please state your name
2 and organization each time before you speak to ensure
3 the Hearing is accurately transcribed. I'll do so as
4 well.

5 Keep in mind that we -- oh, we don't
6 have an interpreter, but if we do later, I'll keep
7 that up. Please follow my instructions on turn taking
8 and only speak when I have indicated it is your turn.
9 Thank you.

10 I will now turn it over to Paramount
11 for their presentation. Please go ahead.

12

13 PRESENTATION BY PARAMOUNT:

14 MR. TERENCE HUGHES: Thank you.
15 Terence Hughes, Paramount. So, I'm going to do the
16 first part of the presentation. And then I'll hand it
17 over to Ian.

18 We've got a lot of slides. We'll go
19 through some of them pretty quick because some of them
20 are background and a lot's kind of repeat from the
21 Technical Session, so -- but there is a few new things
22 near the end. And so, yeah, we can just -- the next
23 slide.

24 So, this is just the background on
25 Paramount. I think everybody's -- in the room is --

1 and online is fairly familiar with us, but we're a
2 Canadian oil and gas company established in the '70s.
3 I'm going to need a drink of water. Hold on. All
4 right.

5 So, if you want to buy shares in us,
6 we're publicly traded. It's POU. We are an
7 interesting publicly traded company in that insiders
8 own a large portion of us. Were founded by the
9 Riddell family.

10 We have operated in the Northwest
11 Territories since the late 1990s in this area that has
12 included what we call Liard south, which is -- which
13 produced into the mid 2000s down through the Sheehan
14 pipeline into Maxhamish and British Columbia.

15 Liard West, which is on the other side
16 of the river from where we find ourselves today, that
17 produced to about the mid 2000s, Liard East, which was
18 a number of exploration wells that never produced.

19 And then we ended up with Pointed
20 Mountain through a corporate transaction where we
21 bought the remaining assets of Apache Canada Limited,
22 and that occurred in 2017.

23 We also have holdings in the Sahtu and
24 the Inuvialuit Settlement Region via our hundred
25 percent owned subsidiary, MGM Energy. Go to the next.

1 This is just a summary of the
2 screenings that have occurred at Pointed Mountain to
3 date, including -- the last one is in the last row.
4 So, I think everybody's familiar with this. Overview
5 map of the Project, and the access.

6 So, then we'll get into the project
7 history. So, the fields had a number of owners, like
8 I touched on. We became the owner in 2017 when we got
9 the remaining assets of Apache Canada. During the
10 time of the transaction, they were completing the
11 abandonments, so all the wells are abandoned.

12 Since Paramount has been the owner,
13 it's been monitoring, with the exception of 2023.
14 2023, we undertook activities to address environmental
15 issues related to the surge pond that was used for
16 production when it was in producing state.

17 So, this is the background on -- I
18 think most people are aware of the recent regulatory
19 history and kind of how we ended up in the type A
20 process that we're here today on.

21 I would highlight that, you know, our
22 Application is based on landfill being part -- or we --
23 - the soil containment being a part of the final
24 closure of Pointed Mountain.

25 So, yeah, it was -- we never produced

1 it, but it was six (6) gas wells and produced for
2 twenty-one (21) years. So, you'll see, like, A-2A was
3 re-entered, so A-2 has a couple of different names.
4 As I stated earlier, all the wells have been
5 abandoned.

6 Yeah, the plant site was constructed in
7 the early '70s. There was -- process water was
8 disposed via an injection well which is located on the
9 former plant site.

10 And these are just some pictures of
11 what it was and current -- you know, where it -- where
12 it ended up. Yeah. And the site also had an airstrip
13 and a barge landing, so, you know, obviously it's
14 remote access. So, we have last -- when we did the
15 work in 2023, we did the mobilization and
16 demobilization via the barge.

17 This is a background on the
18 environmental activities to date. And maybe at this
19 point I'll -- I'll hand the presentation off to my
20 colleague, Ian, who's online.

21 MR. IAN KIER (by ZOOM): Yeah, thanks,
22 Terence. Can you skip ahead to the -- to the next
23 slide. Yeah, thank you. One (1) more.

24 Yeah, just a little bit more
25 introduction to the -- to the Project. I'm going to

1 try to focus my time on the -- on the sections of this
2 presentation related to the -- to the Application.

3 So, we'll just kind of go through this
4 quickly. But you can see at the top of the -- of the
5 image there, the -- the plant site, that seized
6 operations in 2001, was decommissioned in '06. Next
7 slide.

8 This is -- this is from previous work
9 done by Apache that identified potential areas of
10 concern on the plant site. Next slide.

11 A little bit more information
12 specifically on -- on the surge pond. This is the --
13 the pond that was -- had the water treated, drained,
14 and the impacted soil excavated and stored in that
15 liner you can see on the right-hand side of your
16 photo. Next slide, please.

17 This is just photos of that operation.
18 Next slide, please.

19 Image on the left is -- is the wetland.
20 That's about 3 or 400 meters south of surge pond. The
21 -- the schematic on the right is just showing
22 monitoring well locations with chloride concentrations
23 of groundwater relative to the -- to the surface water
24 guideline. Next slide, please.

25 The oxidation pond. That -- there was

1 a -- there was a question about that during the --
2 during the interventions. So, it's -- it's just the
3 former sewage lagoon on the plant site. We would've
4 filled it in during the -- the other work on site, but
5 it wasn't part of the -- it wasn't part of that
6 response, so it -- it still exists. Next slide,
7 please.

8 You can -- you can skip this one. It's
9 just related to the oxidation pond specifically. We
10 added a slide here on -- on the -- the gas well
11 abandonment and the injection well abandonment.

12 In other CRP submissions we've been
13 asked to -- to, you know, I guess, restate that these
14 wells actually are abandoned, so we wanted to
15 highlight this. Just wanted to highlight that.

16 This is publicly available information
17 on the OROGO website if there is any further questions
18 on the -- on the well abandonments. Next slide,
19 please.

20 This is just another part of the --
21 part of the development of an airstrip. It's also
22 been used as a location for camps. Hasn't been used
23 for quite some time. I wasn't going to go through the
24 -- the apex on each site, so we can just skip ahead on
25 this one.

1 And then I'm going to ask -- we'll just
2 go through these. If you can just scroll through
3 them. But basically, it's just a description of the
4 field, when the well was drilled, when it last
5 produced site setting, and -- and the different apex.

6 And they're all very -- you know, all
7 the apex are very similar. The site setting varies as
8 some are valley bottom, some are up on a mountain, but
9 generally, you know, they're all similar apex. And --
10 and these have all been investigated in the past.

11

12 (BRIEF PAUSE)

13

14 MR. IAN KIER (by ZOOM): So, this is I
15 think a good place to start. Maybe I'll pause there
16 just for a second to see if there's any just questions
17 on those slides 'cause we did go through them quite
18 quickly.

19 MR. TERENCE HUGHES: Terence Hughes,
20 Paramount. Ian, the Board has indicated to me that
21 they'll do -- they'll wait for questions at the end.

22 MR. IAN KIER (by ZOOM): Okay.
23 Thanks. I may have missed that. So, Ian Kier,
24 Paramount. I'll continue on then.

25 So, we're into the proposed project

1 activities now. The first step that Paramount sees in
2 -- in continuing to move this forward would be
3 additional phase 2 work and environmental monitoring.
4 So, you know, that can be soil sample collection, it
5 could be groundwater collection, it could be surface
6 water collection.

7 That scope of work has been, you know,
8 developed at a higher level and is going to be
9 presented in the Interim Closure Reclamation Plan that
10 I'm going to now refer to as the ICRP.

11 And as it says here, you know, drilling
12 bore holes, collecting samples, installing groundwater
13 monitoring wells, groundwater, sediment collection.
14 So that would be, you know, in the wetland areas and
15 surface water sampling, and then as well as ecological
16 assessments.

17 You know, following that, the --
18 generally the step inside closure would be remediation
19 followed by reclamation. Again, this is -- this is
20 going to come in much more detail in the upcoming ICRP
21 that's going to talk about the management of soils,
22 including an on-site soil containment cell or -- or
23 landfill reclamation and revegetation strategies and
24 the Post Closure Monitoring Plan. Next slide, please.

25 So, the potential long-term soil

1 containment cell or landfill that's been included in
2 our application, it's a management option for onsite
3 soils that we cannot treat using bioremediation.

4 The containment cell is planned for
5 soil rather than a non-hazardous landfill. It
6 physically isolates soil. It would be used for soil
7 only for onsite excavations. It's not going to be
8 used for waste from other facilities in the area.

9 It's a pretty short-term -- envisioned
10 as a pretty short term duration. Basically, it would
11 be constructed and then ideally the -- the soil placed
12 in it and capped in the single season. And -- and as
13 we've discussed previously, it is -- it is a potential
14 because there's further assessment work required to --
15 to confirm the suitability of the -- of the one that
16 we've proposed basically on the former plant site.

17 So, I'll go through the summary of
18 characteristics of material to be placed in the
19 containment cell, a quick review of the receptors and
20 potential exposure pathways related to the
21 contaminants of potential concern or COCs, and then
22 discuss how site condition components of an onsite
23 engineered landfill monitoring maintenance manage
24 risks from contaminated soil for the long term.

25 So first, we'll just briefly discuss

1 remediation guidelines and closure criteria. So, the
2 -- the aim of the previously mentioned Phase 2 ESA --
3 excuse me -- is really to -- is to further inform
4 risk.

5 And so, as you can see here, risk is
6 the interaction between source pathway and a receptor,
7 and that's really what drives remediation. And even
8 though there has been a number of assessments
9 completed on this site, there are still some data gaps
10 that would need to be filled prior to -- to
11 determination of final remediation and closure
12 guidelines.

13 You know, as an example of a conceptual
14 site model, it basically is just a -- just a
15 visualization here of all the different receptor and
16 pathways that we'd consider: inhalation of vapours,
17 direct soil and groundwater contact, direct contact,
18 soil and food ingestion by humans and wildlife,
19 ingestion of water, direct contact by humans and
20 wildlife, and ingestion of water and direct contact by
21 aquatic life.

22 There has been a number of discussions
23 around the wastewater discharge. I won't spend much
24 time on it here. There is -- has been a submission by
25 ECC on that, and Paramount intends to make some

1 comments on that during -- during this process, but
2 also have a proposal in our IRCRP, so next slide. We
3 can skip this one again. Next one, please, and one
4 more, I believe. Great.

5 So, the existing environmental data, we
6 went through that quickly before, that there has been
7 a number of environmental assessments previously
8 completed. And -- and, obviously, we've had
9 additional assessments in our -- in our application
10 planned, the idea being that we collate and summarize
11 that existing data in the upcoming ICRP.

12 And as I mentioned, there's data caps
13 in each project area, and those are going to be
14 included in our supplemental Phase 2 ESA plans. And -
15 - and then, in the upcoming interim CRP, you will see
16 the -- the full suite of potential closure options.
17 Next slide.

18 So, the closure criteria will be
19 proposed in the interim CRP, and -- and there should -
20 - it should be understood that those are going to be
21 refined in subsequent iterations of the CRP because we
22 know we haven't completed the proposed additional
23 environmental assessments yet.

24 We will identify preferred closure
25 options based on the contaminant of concern. We do

1 expect that some requiring remediation will be treated
2 where possible. Non-degradable contaminants such as
3 chloride and metals, you know, would be -- would be,
4 you know, looked at for the containment of long-term
5 storage option rather than treatment, and we are going
6 to identify criteria in our ICRP as we -- as we
7 collect additional data.

8 So, the numerical closure criteria for
9 some parameters are more stringent at near surface.
10 So, one of the options we are looking at is placement
11 of that soil at different depth as part of our both
12 remediation and reclamation strategies. They -- they
13 intertwine there.

14 This can be appropriate where, you
15 know, we only exceed criteria to shallow depth but
16 meet criteria to greater depth. This approach, you
17 know, is -- is efficient in that it -- it reduces the
18 movement of soil around sites at times and -- and
19 minimizes the size of any required landfill. Next
20 slide, please.

21 So, if you've got the history of the
22 site, and I think it was on the early on slides, there
23 -- there were previous site-specific remediation
24 guidelines developed about eight (8) years ago. Those
25 guidelines were based on site-specific soil and

1 groundwater conditions and including the site-specific
2 exposure pathways and receptors.

3 But upon review of that data -- that
4 work was done under Apache, and -- and upon review of
5 that data by Paramount, we did see opportunities to
6 further assess and improve our understanding of the
7 site conditions.

8 And so that's really the basis of the
9 -- - of the additional site assessment. And that is,
10 as we've said, going to include updates to the
11 numerical remediation guidelines and development of
12 other closure criteria.

13

14 (BRIEF PAUSE)

15

16 MR. IAN KIER (by ZOOM): Just to touch
17 on the volume of contaminants and interaction
18 pathways, a CSM or conceptual site model summarizes
19 the contamination receptors and exposure, pathways,
20 describes how it interacts, and is really the
21 foundation for understanding risks.

22 There has been a previous supplemental
23 Phase 2 and a refinement of that, and we're proposing,
24 you know, an additional work that is going to be
25 detailed in the upcoming ICRP. Next slide, please.

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(BRIEF PAUSE)

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MR. IAN KIER (by ZOOM): Okay. I'm going to touch on the soil containment cell now, so a quick overview of it. And as I previously mentioned, some -- some soil we know in project areas with metal or salinity impacts is expected to need remediation, but treatment options aren't practical.

So, containment or isolation of this material in an engineered onsite containment system is being proposed, and this is a long-term management option.

Previously in our submissions, we referred to it as landfill based on terminology from Alberta and BC. However, it's not a landfill in the traditional sense, and, you know, we believe in the Northwest Territories context that it may be better described as a soil containment system.

Again, it's only going to be soil from the project area that's placed in this containment system. As I mentioned before, it'd be filled during the active remediations, so when we're out there digging and -- and excavating impacted soils. And currently our conceptual design of this includes

1 capacity for 100,000 cubic meters of waste soil even
2 though our current estimates only suggest about half
3 of that.

4 So, the image on the left is the former
5 Pointed Mountain plant site. In the upper right of
6 that cleared area you can see a gray box. So that is
7 just to provide some general guidance as to where it
8 may be appropriate to cite the landfill.

9 You know, those dimensions there for
10 the soil containment system, those dimensions, there
11 would be 83 meters by 165 meters based on our initial
12 review of it. But just to -- just to be clear, there
13 is additional data collection required to evaluate
14 that -- that site for a potential cell.

15 So, the -- the sources of the soil, I
16 guess, it's not just from the plant site. It would
17 also be from the well sites and the airstrip, any --
18 any development that happened with the Pointed
19 Mountain field.

20 The -- the soil that's proposed for the
21 placement in this containment system is already well
22 characterized. The concentrations of the contaminants
23 in soil are well understood. There's been over --
24 well, at least a hundred and ninety (190) samples.
25 The soil's not expected to have hazardous properties.

1 It's -- it is suitable for disposal in
2 class 2 facilities in Alberta and BC. And if there is
3 anything that's identified as having hazardous
4 properties, these would be transported offsite to an
5 approved hazardous management facility rather than
6 stored anywhere on site.

7 Yeah. And so, the next two (2) slides,
8 including this one, are going to show the average and
9 maximum concentration of key contaminants potential
10 concern in the soil proposed to be placed in the
11 containment system.

12 Currently, they've just been screened
13 against generic soil guidelines for protective
14 receptors for ag land use, and the table lists generic
15 exposure pathways that are exceeded.

16 So, the first line items there are the
17 hydrocarbons BTX: benzene, toluene, ethylbenzene,
18 xylenes, and the heavier fractions 1, 2, 3, and 4.
19 And you can see the -- the average concentration we
20 found across the project area, the maximum
21 concentration, and then the guidelines that we
22 screened against.

23 And then on the far right, you have the
24 pathway-specific guidelines exceeded by the maximum
25 concentration, so DW being drinking water; ECO, eco

1 contact; and I don't know -- - and the HDC and the --
2 and the VI -- can you fill me in on those two (2)?

3 MS. EMMA STIENNE (by ZOOM): Hi. Emma
4 Stienne, from Millenium. VI is vapour inhalation and
5 HDC is human direct contacts. I think there's a --
6 there's a legend on the -- potentially on the next
7 slide.

8 MR. IAN KIER (by ZOOM): Oh, thank --
9 thank you. Yes, there is.

10 Yeah. And so, on this slide, there --
11 there's the legend and the parameters on the left
12 continue. So, we -- we went through the metal
13 parameters there and then the general inorganics and
14 salts, but just repeating the same -- same pattern,
15 showing the average concentration, showing the maximum
16 concentration, and then the -- and then the
17 agriculture guideline.

18 But really the intent of this is to --
19 is to present the -- the characteristics of the -- of
20 the soil that we're proposing to put in the long-term
21 soil containment.

22 And -- and so, you know, when you're --
23 - when you're thinking about I guess the contaminant
24 as a potential concern and the exposure pathways, this
25 is a little bit more detail, I guess, if -- if you

1 want, on the -- relating back to the legend on the
2 previous one. So human direct contact, HDC, includes
3 touching the soil, dermal contact, inhalation of soil
4 particles, and incidental ingestion, and then -- and
5 then so on just further explanation of that previous
6 legend. So, carry on please.

7 Some additional information on -- on
8 the soil containment. So, there are engineered
9 structures that are designed to provide a physical
10 barrier between the landfill contents and potential
11 receptors. Primary design components are liners,
12 layer cap systems, a leachate collection and
13 extraction system.

14 And, you know, these engineered
15 structures, these design components manage risks with
16 the contaminants -- contaminants of potential concern
17 related to exposure to potential receptor. And a
18 little bit more detail on the components. So, the --
19 the landfill cap, which includes a liner, topsoil and
20 subsoil on top of that, and it's designed so that
21 vegetation or animal burrows cannot penetrate it.

22 The landfill siting itself for the
23 placement you -- you review during your site selection
24 to make sure you're moving away from areas with
25 potential concern for erosion or instability, flowing

1 water bodies.

2 During the construction, you make sure
3 it's well compacted and -- and contoured so surface
4 water would be directed away and, you know, that you
5 eliminate indirect exposure to the soil through
6 consumption that would be exposed to the landfill
7 soils should they get through the cap. Next slide,
8 please.

9 It's just more detail on the soil
10 containment cell. And how do you manage direct and
11 indirect contact with the soil? So again, the
12 landfill cap, that includes a liner, topsoil and
13 subsoil, and it's going to be of a suitable thickness
14 and of materials so vegetation and burrows -- burrow
15 animals don't penetrate it.

16 It's consistent with the CCME that
17 exclude direct and indirect soil contact pathways for
18 some contaminants of potential concern and just some -
19 - some repeating information here on -- on-site
20 placement, and then touching on the -- the monitoring
21 and maintenance during post closure. So, one of those
22 activities is ensuring that the cap is functioning as
23 intended and would continue to provide a physical
24 barrier long into the future. Next slide, please.

25 So, this is just the conceptual

1 construction. You know, we just want to highlight
2 that there -- there's well understood components to a
3 landfill and just reiterate that our -- our potential
4 design still requires some additional siting
5 collection prior to -- prior to submitting a -- a
6 final soil containment design.

7 So, I will just discuss how risks to
8 humans from inhalation of soil vapours are managed.
9 First, the soil proposed for the onsite containment
10 has average concentrations greater than the vapour
11 inhalation pathway, so did consider it.

12 Generic human vapour inhalation
13 guidelines, assume that the vapours are sourced from
14 soil or groundwater into a residential building and
15 are breathed indoors. So obviously that's not the
16 case that we're presenting here.

17 Use of an onsite soil containment
18 system further reduces vapour inhalation by the
19 ability of vapours -- vapours to reach the surface by,
20 you know, the -- the engineering design using liners
21 and the soil cap.

22 And lastly, you know, hydrocarbons are
23 degradable and vapours do attenuate -- decrease over
24 time.

25 And if we're talking about leachate

1 management reduction, so landfills are designed to
2 provide very long-term containment, and leachate
3 generation in this situation will be minimal,
4 contaminated soil from the site would be placed in
5 this long-term soil containment.

6 And the proposed remediations are
7 generally shallow, and -- and that I think is
8 important because that means much of the landfilled
9 soil would be unsaturated because it's currently
10 located above the water table, which really will
11 minimize the initial moisture content of the -- of the
12 soil going into it.

13 The landfill's only going to operate
14 while active remediation is taking place. So, this
15 isn't proposed to be a multi-year landfill where you'd
16 get annual precipitation events over and over again.
17 So, the short operating period will really reduce the
18 potential for infiltration.

19 The design of it -- the cap, the
20 liners, and the layers of topsoil and subsoil -- are
21 designed to reduce infiltration. The landfill surface
22 would eventually be seeded to which will also reduce
23 infiltration of moisture.

24 Contouring is part of the -- is part of
25 the management and initial design of it to keep

1 surface drainage away from the landfill so no water
2 accumulates. And there is a monitoring period during
3 post closure to make sure all of those design features
4 are functioning properly.

5 And talk about the soil containment
6 still and -- and minimizing migration groundwater. So
7 as previously mentioned, there is a leachate
8 extraction system that's installed with landfills and
9 operated during the post-closure period. The leachate
10 would be collected and disposed of at a disposal
11 facility.

12 The post-closure period is a minimum of
13 twenty-five (25) years. Leachate generation at that
14 time is expected to be very low. A monitoring program
15 will evaluate changes in groundwater quality in the
16 landfill area during this period. To date, all our
17 investigations have shown -- shown low permeability
18 soil, which really is -- you know, goes hand in hand
19 with the landfill design to -- to mitigate recreation
20 of any leachate.

21 And I know this question came up
22 previously, so modeling of any potential failure
23 scenarios may be considered as a -- as landfill design
24 progresses. So, as we mentioned earlier, it's -- it's
25 conceptual. There's no indications of anything that

1 prevent establishment of a long-term soil containment
2 that we've found to date. And -- and you know, as we
3 -- as we progress with the project, we'll better
4 understand what the final design would look like.

5 So just another conceptual site model,
6 this one specific to -- to a soil containment cell.
7 So similar to the other conceptual site model, there's
8 -- there's pathways and receptors described and - and,
9 you know, visually visualized here. Maybe we'll just
10 skip to the -- to the conclusion.

11 So, in our view, the -- the long-term
12 soil containment is a very good potential management
13 option for onsite soils that we can't otherwise treat.
14 Containment itself for soil rather than a non-
15 hazardous landfill, we just want to -- we just want to
16 reiterate that to avoid any confusion as to a
17 hazardous waste landfill.

18 And -- and really the plan is for it to
19 physically isolate the soil to be used for soil from
20 onsite excavations, only onsite being the greater
21 Pointed Mountain field, including the plant site, the
22 -- you know, the airstrip, and the well sites.

23 It's a short-term duration that
24 ideally, from an execution point, would be done in a
25 single season. And as I've mentioned numerous times

1 here, it does require further assessment of location
2 suitability within the project footprint and detailed
3 landfill design. And I think that brings us to the
4 end of our slides.

5

6 QUESTION PERIOD:

7 THE CHAIRPERSON: Thank you very much,
8 Paramount -- Paramount, for your presentation.

9 I would like to turn it over to the
10 Interveners for their opportunity to ask questions of
11 the Applicant. I would also like to remind all
12 parties to please state your name prior -- prior to
13 speaking and to ask questions through the Chair.

14 This is Tanya MacIntosh, and I'm going
15 to refer to myself as Chair instead of spilling out
16 the whole McKenzie Valley Land and Water Board. And I
17 keep saying I'm going to introduce myself every time,
18 but oops.

19 Furthermore, all questions should be
20 focussed on seeking clarity on issues that will assist
21 the Board in their decisions relating to the land use
22 permit and water license applications. Out of respect
23 for all others, this opportunity to ask questions
24 should not be used to advocate positions or express
25 opinions. We will start with Acho Dene Koe First

1 Nation. Please go ahead.

2 MR. MARK MACDOUGALL: Mark McDougall,
3 on behalf of Acho Dene Koe First Nation. Thank you,
4 Madam Chair.

5 In the draft Waste Management Plan, the
6 Applicant states that they anticipate that
7 approximately 51,000 cubic meters of contaminated soil
8 that cannot be remediated will be stored in the onsite
9 landfill.

10 In the Applicant's response to
11 Interveners, they provide supporting material from
12 Millennium EMS Solutions dated March 13th, 2025,
13 stating that the proposed -- soil proposed to be
14 placed in the onsite landfill is very well
15 characterized and the range of potential COPC
16 concentrations is well understood.

17 Further, this document states total of
18 approximately 43,000 cubic meters of soil as proposed
19 for the landfill with multiple remedial excavations at
20 six (6) well sites and airstrip within the Pointed
21 Mountain gas field, as well as the plant site.

22 And finally, we note that in the
23 Applicant's presentation today, that the landfill will
24 be designed to hold up to 100,000 cubic meters of
25 contaminated soil.

1 So, I'm hoping that the Applicant can
2 clarify the discrepancy in these numbers as they range
3 quite significantly. Thank you.

4 THE CHAIRPERSON: Tanya MacIntosh,
5 Chair. Please go ahead, Paramount.

6 MR. TERENCE HUGHES: Terence Hughes,
7 Paramount. Just one (1) maybe point of question
8 before we answer is we do note that there's a couple
9 parties online that haven't been identified. Is it
10 generally they -- everybody who's online is identified
11 and who they're associated with?

12

13 (BRIEF PAUSE)

14

15 MR. CHRIS HOTSON: Madam Chair, this
16 is Chris, with Board staff. There seems to be two (2)
17 people online that have not been introduced. And I
18 guess you could just make a general call for anybody
19 who was not introduced if they would introduce
20 themselves and their affiliation.

21 THE CHAIRPERSON: Tanya MacIntosh,
22 Chair. Thank you, Paramount, for pointing that out,
23 and thank you, Chris. I'd like to take this
24 opportunity now to have the members of the public that
25 are online please introduce yourself. I'm sorry, I

1 can't see your name so I can't call you individually,
2 so hopefully we can do this carefully.

3 MR. WILL RICHMOND (by ZOOM): Sure.
4 Will Richmond here, biologist with Fisheries and
5 Oceans Canada.

6

7 (BRIEF PAUSE)

8

9 MR. CHRIS HOTSON: Chris, with Board
10 staff. There's a Keith Barron that's listed. Can you
11 identify yourself, please?

12 MR. KEITH BARON (by ZOOM): Sorry. I
13 hope you can hear me. It's Keith Baron, with Secure
14 Energy representing Bruce from Secure Energy from Fort
15 Nelson.

16 THE CHAIRPERSON: Tanya MacIntosh,
17 Chair. Thank you for introducing yourselves. I'd
18 like to now go ahead and have Paramount respond to the
19 questions. And then if anyone online has questions,
20 we will make sure that we get you into the -- into the
21 queue.

22 Go ahead, Paramount.

23 MR. TERENCE HUGHES: Terence Hughes,
24 with Paramount. Ian, you want to take the volume
25 question?

1 MR. IAN KIER (by ZOOM): Yes, I will
2 do. Yeah. Looks -- there was one other person
3 online. I think they -- they may have dropped off,
4 though, somebody from Adelantar.

5 Okay. In any case, so just to make
6 sure I got the -- I think you asked for the difference
7 between the proposed forty-three thousand (43,000),
8 fifty-one thousand (51,000), and the proposed hundred
9 thousand (100,000).

10 I'll -- I'll take the hundred thousand
11 (100,000) soil containment design, and then maybe,
12 Emma, if you can comment on the -- on the forty-three
13 (43) and the -- between the forty-three (43) in the
14 submission and the 51 in our -- in our presentation.

15 So, the -- the hundred thousand
16 (100,00) is just a -- is just a safety factor. So,
17 this work isn't done yet. There's always the
18 potential for additional volumes to be identified.
19 So, we didn't want to -- we didn't want to just say
20 we're building a 51,000 cubic meter soil containment
21 cell in case there's additional volumes found and
22 required.

23 So, there's always uncertainty in -- in
24 any environmental site assessment or investigation,
25 and so we don't want to come in and -- didn't want to

1 come in and -- and propose this as -- as something
2 potentially smaller than -- than may be required in
3 the final iteration.

4 But, you know, we -- we would basically
5 design it with a small safety factor following the --
6 the small -- or the following site Phase 2
7 investigations that we've propose.

8 I don't know, Emma, if you're able to
9 take the -- the volume, the forty-three thousand
10 (43,000) previous submission and the fifty-one (51)?

11 MS. EMMA STIENNE (by ZOOM): Yes.
12 Emma Stienne, from Millennium EMS Solutions. Yeah.
13 The difference in that volume is because the 51,000
14 cubic meters included for some inner debris in
15 addition to the soil.

16 Still looking obviously at the
17 different remediation options available and management
18 of that material. So yeah, that's the -- the
19 discrepancy. But the soil that was characterized was
20 -- was the estimated 43,000 cubic meters. And then
21 there's an additional approximately 7,000 of inert
22 debris, which we had originally looked to potentially
23 including in the landfill, but, yeah, obviously to be
24 determined.

25 THE CHAIRPERSON: Thank you,

1 Paramount, for your response.

2 ADKFN, do you have any more questions,
3 please go ahead. Tanya MacIntosh, Chair.

4 MR. MARK MACDOUGALL: Mark MacDougall
5 -- Mark MacDougall, on behalf of ADK.

6 In the Waste Management Plan that was
7 submitted as part of the application package, it
8 outlines the -- that -- sorry, I'm just trying to find
9 my specific language, outlines that camp waste as well
10 as -- as you just mentioned, inert material could be
11 destined for the landfill.

12 However, we've heard today in your
13 presentation that only soil -- contaminated soils
14 would be destined for the landfill.

15 Can you clarify what material could be
16 potentially deposited in the landfill? Thank you.

17 THE CHAIRPERSON: Tanya MacIntosh,
18 Chair. Paramount, please go ahead and respond.

19 MR. IAN KIER (by ZOOM): Ian Kier,
20 Paramount. Emma, please -- please step in if I get
21 this wrong, but I believe the -- the forty-three
22 thousand (43,000) cubic meters is proposed for the --
23 the impacted soil. Whereas the -- the inert in our
24 initial was -- was proposed to be left in -- in place.
25 But we don't -- Emma, is that -- is that accurate?

1 MS. EMMA STIENNE (by ZOOM): Emma,
2 from Millennium EMS Solutions.

3 Yeah, I think that -- that's accurate.
4 I think we're still looking at what would be the best
5 option for -- for the inert waste and that's -- that's
6 something we'd be looking at as part of additional
7 environmental assessments; understanding what -- what
8 there is and -- and -- and what we're looking at and
9 where that might be suitable. I mean, see I think
10 that's still not -- we can't answer that I don't think
11 yet.

12 MR. MARK MACDOUGALL : Mark
13 MacDougall, ADK. So, to clarify that answer, you're
14 suggesting that at this time other waste including
15 surge water camp waste may be deposited in the
16 landfill? The onsite landfill to clarify.

17 MR. IAN KIER (by ZOOM): Ian -- Ian
18 Kier with Paramount. No, we're not proposing dispose
19 of water or camp waste in the landfill which - what --
20 what is the surge water you're referring to, I guess?

21 MR. MARK MACDOUGALL : Mark
22 MacDougall, ADK. I'm referring to table 2 of the
23 Waste Management Plan that identifies the landfill as
24 a potential destination for surge water and -- and
25 camp waste.

1 So, I'm just trying to get clarity as
2 to -- hopefully we didn't just lose everyone. Oh, so
3 if it -- okay. I'm just trying to get clarity on what
4 would end up in the - in -- in the onsite landfill.

5 Is it simply contaminated soil or are
6 there other wastes that may end up there. Thank you.

7 MR. IAN KIER (by ZOOM): Ian Kier,
8 with Paramount. So, contaminated soil and, you know,
9 if the inert waste, as Emma said, the -- the final
10 destination hasn't been determined for that. But it
11 is, I guess, just to highlight inert. We're not
12 planning on disposing of fluids in the landfill.

13 MR. MARK MACDOUGALL: Mark MacDougall,
14 ADK. So, on slide, I believe it is 37, you highlight
15 a -- a conceptual model for your risk assessment.

16 Does Paramount have any plans to
17 perform a human health risk assessment for the
18 landfill facility?

19 MR. IAN KIER (by ZOOM): Emma, are you
20 able to take that one?

21 MS. EMMA STIENNE (by ZOOM): Emma
22 Stienne, for Millennium EMS Solutions.

23 Yeah, I mean the -- I'm just thinking
24 how best approach -- approach this, sorry.

25 Yeah, the -- the -- the design of the

1 landfill would be to prevent, yeah, prevent the
2 exposure to human health. So, a -- a risk assessment
3 generally in the, you know, in a detailed sense
4 wouldn't be necessary.

5 Because if you remember the -- the --
6 that -- the three (3): the source, the pathway and
7 the receptor, you were addressing, you're essentially
8 removing the pathway by creating a landfill. The --
9 the barriers between the -- the receptor, such as a
10 human and the -- the waste would -- that -- that's
11 what you'd be seeking to do as part of a -- a
12 landfill.

13 So, from the sense of like direct
14 contact with the contents of the landfill, you
15 probably wouldn't need a human health risk assessment.
16 So, it's that -- now in a traditional sense because
17 you, you know, there wouldn't be any exposure. As
18 mentioned in the slides, it's maybe considerable --
19 well -- well obviously becomes considering the chade
20 (phonetic) generation and migration to potential
21 receptors from that perspective.

22 So, we'll be looking at, yeah, we may
23 consider like (INDISCERNIBLE) modeling, that kind of
24 thing. So, yes, kind of as needed.

25 MR. MARK MACDOUGALL: Mark MacDougall,

1 ADK. Thank you.

2 In terms of the -- the landfill and its
3 intended lifespan, has Paramount contemplated what the
4 proposed life of -- design life of the landfill would
5 be?

6 MR. IAN KIER (by ZOOM): Adelantar, do
7 you want to comment on that one for us, please, Pete?

8 MR. PETE MARSHALL (by ZOOM): Yeah, in
9 -- in terms of the -- of the operation of the facility
10 it would be filled probably within a year or two (2)
11 and, oh -- I should say Pete Marshall, at Adelantar
12 Consulting -- be filled within a year or two (2).

13 The intent then would be that the
14 facility would be put into -- into post closure, which
15 would last for at least twenty-five (25) years or
16 until there's no further impact from the facility on
17 the receiving environment.

18 MR. MARK MACDOUGALL: Mark MacDougall,
19 ADK. Can you -- can you elaborate on what you suggest
20 as being potential impacts on the environment?

21 MR. PETE MARSHALL (by ZOOM): The --
22 the -- the landfill would be designed, of course, to
23 be protective of the environment, including human
24 health.

25 There's an acknowledgement in any

1 landfill design that there is the potential for any
2 leachate generated to become a -- a -- a source. But
3 the -- as Ian has pointed out in -- in his
4 presentation, the -- the amount of -- of leachate
5 expected to be generated is -- is extremely small.

6 And that, of course, is a -- a function
7 of -- of a couple of things; one being, the -- the
8 very short operation of the facility, the period of
9 time over which the facility would be open to the
10 elements.

11 And then there are, as Ian had pointed
12 out in his presentation, the -- the -- the multiple
13 layers of security, if you will, against further
14 liquids being generated, those being -- and released
15 to the environment, those being, like the multi-layer
16 capping structure, the leachate collection system to
17 allow liquid to be removed, and the -- the lining
18 system that separates the -- the base of the waste and
19 the liquids from the receiving environment.

20 And so, all of those together, plus I
21 should say the, as -- as -- as Ian had pointed out,
22 the expected low permeability conditions in the
23 geology combined to produce a system in which there is
24 very little potential for -- for any significant
25 movement of contaminants from the containment cell out

1 into the environment itself. And it is, I would
2 stress, very much a -- a system, every one of those
3 components plays its part.

4 MR. MARK MACDOUGALL: Mark MacDougall,
5 ADK. Thank you very much.

6 So, I see within the liability
7 estimate, a number of 1 percent of the final
8 landfill's volume being the -- the -- the number
9 suggested for leachate.

10 Can you comment on where that 1 percent
11 of the final landfill cell volume annually was derived
12 from?

13 MR. PETE MARSHALL (by ZOOM): Pete
14 Marshall, at Adelantar. Yeah, that -- that 1 percent
15 in the slide is actually an error.

16 That -- that 1 percent should be 1
17 percent of the annual precipitation that's incident
18 upon the cell. And that number itself is a very
19 conservative estimate and in practice is expected to
20 be significantly less.

21 Again, to the point that -- that Ian
22 made in -- in his presentation, there are a number of
23 aspects of the cost estimate that were included or
24 that were -- that were treated in a conservative
25 manner. And this -- this would be one of them, but

1 just for clarity, the -- the slide, I know, says 1
2 percent of the final landfill cell volume annually,
3 but in -- but, in fact, that should be 1 percent of
4 the precipitation incident on the cell annually.

5 MR. MARK MACDOUGALL: Mark MacDougall
6 -- sorry, Mark MacDougall, ADK.

7 So, in Appendix 6 of the Waste
8 Management Plan, the applicant states that the Board
9 resources outlining the development of Waste
10 Management Plans do not provide guidance on siting of
11 landfill facilities.

12 The applicant continues on by
13 highlighting that guidance from three (3) territorial
14 documents on planning and operating the landfill
15 facility are relevant. Included in these are the
16 guidelines for planning, design, operations and
17 maintenance and modified soil waste facilities in the
18 Northwest Territories, dated 20 -- or, sorry, 2003.

19 Table 2.3 of this document outlines
20 landfill siting checklists that includes distance from
21 community to avoid unsightliness, odour and smoke.
22 The intent to minimize impacts to land, birds,
23 animals, vegetation.

24 Would the applicant agree that the
25 author's intention would be to minimize public health

1 and environmental hazards in -- in providing these
2 guidelines on siting?

3 MR. TERENCE HUGHES: Terence Hughes,
4 Paramount Resources.

5 Is -- is the question, what is
6 Paramount's interpretation of the -- what the author
7 meant in writing the guidelines?

8 MR. MARK MACDOUGALL: Let me -- let me
9 clarify. What is Paramount's interpretation of the
10 guidelines as they -- as it reflects sighting
11 guidance?

12 Mark MacDougall, ADK. I'll -- I'll --
13 I'll try to rephrase the question in a different
14 manner.

15 Is it Paramount's intention that by
16 siting the landfill at Pointed Mountain, the -- their
17 intention is to minimize impacts on public health and
18 environmental hazards?

19 MR. TERENCE HUGHES: Terence Hughes,
20 Paramount Resources.

21 We think the onsite soil containment
22 system is currently and believe strongly, and that's
23 why we've applied for a licence and a land use permit,
24 to enable it is the best solution for the contaminated
25 soil at Pointed Mountain

1 MR. MARK MACDOUGALL: Mark MacDougall,
2 ADK. Can you speak to the factors that have led to
3 that determination?

4 MR. IAN KIER (by ZOOM): Ian -- Ian
5 Kier, with Paramount. I think we have previously
6 stated that -- and -- and I think mentioned in some of
7 these slides that those will be further described in
8 the upcoming ICRP.

9 MR. MARK MACDOUGALL: Mark MacDougall,
10 ADK. So, at this time, you're not prepared to suggest
11 that the minimization of public health and
12 environmental hazards are objectives with the -- the --
13 - sorry, in siting the -- the landfill.

14 MR. IAN KIER (by ZOOM): Ian Kier,
15 with -- or go ahead, Terence.

16 MR. TERENCE HUGHES: Terence Hughes,
17 Paramount Resources.

18 I -- I think the considerations are --
19 that we've undertaken have been made in our
20 submissions and are clear in our presentation and --
21 and that is included, you know, public health and
22 pathways and risk.

23 I think, you know, there'll be further
24 delineated in our Interim Closure and Reclamation
25 Plan. And that information will all be part of our

1 approvals and subject to further review

2 MR. MARK MACDOUGALL: Mark MacDougall,
3 ADK. So, following up on that response, does
4 Paramount agree that psychological and social
5 wellbeing are elements of public health?

6 THE CHAIRPERSON: Tanya MacIntosh,
7 Chair. I'm just wanting to know if Paramount wants to
8 take a moment to confer with their -- with their team
9 to have a response or -- and if you do, at any time,
10 please just let me know. Thank you.

11 MR. TERENCE HUGHES: Yeah, I'll --
12 thank you, Chair. Terence Hughes, Paramount. Yeah,
13 I'll take a moment to -- to talk with my online -- on-
14 line colleagues.

15 THE CHAIRPERSON: Tanya MacIntosh,
16 Chair. If we could just take a five (5) minute break
17 and allow that to happen. Thank you.

18

19 --- Upon recessing at 3:26 p.m.

20 --- Upon resuming at 3:35 p.m.

21

22 THE CHAIRPERSON: Tanya MacIntosh,
23 Chair. I'd like to now offer the opportunity for
24 Paramount to respond. Paramount, please go ahead.
25 Thank you.

1 MR. TERENCE HUGHES: Terence Hughes,
2 Paramount Resources. So, I think I'll answer the
3 question by going back to the conceptual site model
4 that we presented in our slides, that -- that it's,
5 you know, as we presented it. We don't believe that
6 there's an impact on -- on human health as a result of
7 the design and the -- what is going into the
8 containment cell or landfill.

9 I guess additionally what I would say
10 is, you know, smoke and/or odours are -- are not part
11 of our planned operation; it is for contained soil.

12 MR. MARK MACDOUGALL: Mark MacDougall,
13 on behalf of ADK. Thank you.

14 Madam Chair, I believe we have one (1)
15 question online from my colleague, so I'll turn it
16 over to the -- the interwebs.

17 MS. TAMARRA LEWIS (by ZOOM): Thank
18 you, Mark. And thank you, Paramount, for your
19 presentation. And thank you, Madam Chair, for your
20 facilitation so far.

21 This question is to the Applicant in
22 reference to table 1 in the presentation as well as
23 the discussion around table 1 in -- oh, sorry.
24 Tamarra Lewis, ADKFN. We're -- we're all getting used
25 to it.

1 This question is for the Applicant in
2 reference to table 1 in the presentation as well as
3 the discussion around table 1 in the Millenium, March,
4 2025 memo. I believe page 3 is what I'm referring to.

5 I wanted to seek clarity around the
6 definition of hazardous materials or hazardous waste
7 in this context. It was noted in the March 2025 memo,
8 though soil contains COPC above generic guidelines,
9 and, therefore, is understood to be defined in the
10 Northwest Territories as hazardous waste, the
11 contaminated soil intended for disposal is not
12 expected to have properties described as hazardous by
13 other jurisdictions.

14 It was described in the presentation
15 and -- and in the memo that any material identified
16 with hazardous properties would be transported offsite
17 to an approved licensed hazardous management facility
18 for disposal rather than placed on the potential
19 onsite landfill.

20 So, I just wanted to seek clarity on
21 the definition of 'hazardous materials' in this case.
22 And I just wanted to mention that we are working
23 within the Northwest territories, so I just wanted to
24 seek clarity around the jurisdiction and what we'll be
25 moving forward with. Thank you.

1 MR. IAN KIER (by ZOOM): Ian Kier,
2 with Paramount. Emma, do you mind taking a stab at
3 that one? And if -- if not, let me know, and I can --
4 I can go first, but...

5 MS. EMMA STIENNE (by ZOOM): Yeah, I
6 can have a stab. It's Emma Stienne, from Millenium
7 here. Yeah, I agree that's slightly confusingly
8 worded.

9 What we were trying to -- to indicate
10 is that we acknowledge that in the Northwest
11 Territories, my understanding anyways, that hazardous
12 waste is anything above the -- the generic soil
13 guidelines.

14 What we're trying to get at is the --
15 in terms of hazardous waste landfill design and -- and
16 the understanding of -- of what might be involved in
17 many of the jurisdictions. There's a much kind of
18 higher bar for classifying material as hazardous in
19 terms of, you know, like, free product, flashpoint,
20 really leachable metals, and that kind of thing.

21 So, in -- just in terms of
22 characterizing the material, we just wanted to make
23 sure that it's understood that we don't want anything
24 that is considered hazardous, like, for example, in
25 Alberta and BC, based on the -- the properties of, you

1 know, flashpoint and -- in -- into this landfill.

2 So, yes, it -- it may be considered
3 hazardous in terms of the definition in the Northwest
4 Territories, but not in terms of -- like, it would be
5 -- it would be acceptable in a landfill in Alberta and
6 BC just in terms of the design of the landfill and
7 where we're coming from, if that helps.

8 MR. IANN KIER (by ZOOM): Yeah. Ian
9 Kier, with Paramount. And just to clarify what Emma
10 says.

11 It would be acceptable within a
12 landfill in Alberta. She's referring to a Class II
13 waste facility in Alberta and BC, and not a Class I.
14 And those are, again, related to, I believe, landfill
15 design and waste characteristics.

16 MS. TAMARRA LEWIS (by ZOOM): Tamarra
17 Lewis, from ADK. Thank you, Emma.

18 Yeah, that was -- that was very
19 helpful. I'm not sure if -- if I'm allowed to ask for
20 follow-up, but is it possible to provide a reference
21 list for that table based on the guidance documents,
22 like, the guidance documents that you were using, and
23 just clarify which guidance is coming from Northwest
24 Territories and which were coming from Alberta and BC?

25 I didn't see a reference list in that

1 memo.

2 MS. EMMA STIENNE (by ZOOM): This is
3 Emma from -- reference for which? The -- the
4 guidelines for the generic guidelines on the table?
5 Yeah, we can do that. But just to -- to be aware that
6 as part of the interim CRP, we're developing a set of
7 -- of screening guidelines for -- for this project
8 that we will be proposing.

9 So, these presented on the table might
10 not necessarily align with -- with those, just -- just
11 so you're aware. These are very much screening
12 against, like, the worst possible situations, you
13 know, yeah. So, we can do that.

14 MS. TAMARRA LEWIS (by ZOOM): Tamarra,
15 from ADK. Thanks, Emma.

16 So, just to clarify, no other follow-
17 ups are needed at this time. And during the interim
18 CRP report, screening guidelines will be provided for
19 what is considered hazardous material and -- and what
20 would be considered to be removed from the site versus
21 what would be considered to be used within the
22 proposed landfill.

23 Is that correct?

24 MS. EMMA STIENNE (by ZOOM): Emma,
25 from Millenium. Yes, I think that's something we --

1 we would do.

2 DR. KATHY RACHER : Hi. It's Kathy
3 Racher, for the Board.

4 Emma, I'm just wondering, is this --
5 should this be an official undertaking or is this
6 something you could distribute -- or send to us in the
7 -- by the end of the hearing tomorrow?

8 MS. EMMA STIENNE (by ZOOM): It's
9 Emma, from Millenium. No, I think we'd want to -- to
10 make sure we're providing that in the CRP rather than
11 (INDISCERNIBLE). And again, it would be -- there
12 would be some caveats because we are doing additional
13 assessments.

14 MR. TERENCE HUGHES: Terence Hughes,
15 with Paramount. So, I'm happy to be corrected by
16 ADKFM, but what I thought I heard in their last was
17 they were fine with us providing the screening in the
18 interim CRP of what we propose the requirements are to
19 go in the soil containment/landfill and what are the
20 levels where that -- where -- where exceedances are
21 which would be moved offsite. That's what I heard.

22 But are they still seeking the
23 references for table 1 prior to that? I think that's
24 the question.

25 So, I'll defer to ADKFN on -- on that

1 point. But I think we have -- we've committed to
2 providing that information on what is the requirement
3 for soil that's contaminated to go into the
4 contaminated soil cell or landfill opposed to
5 contaminated soil that would have to be moved offsite.

6 We're committed to doing that in the
7 ICRP. If there's something else that ADKFN would like
8 before that, we'll hear that, and then decide if
9 that's an undertaking or something that we can provide
10 during the term of this hearing

11 MS. TAMARRA LEWIS (by ZOOM): Tamarra
12 Lewis, representing ADK? Yeah, thanks, Terence. I
13 think yes, but I'll clarify again.

14 We would like just a quick reference
15 list for the Millenium, March 2025 memo. That would
16 be very helpful. However, the further details in
17 terms of the potential onsite landfill and what COPCs
18 would be considered hazardous at that time, that is
19 fine to come in the interim CRP.

20 Hopefully that makes sense. Let me
21 know if you need more clarification.

22 MR. TERENCE HUGHES: Terence Hughes,
23 Paramount. I think the best way to deal with the
24 request is to have it come as an undertaking. If it's
25 -- like, you know, we'd like Emma here and present

1 and, you know, being able to answer questions as we go
2 and, you know, not chasing references while the
3 Hearing is going on.

4 So, if that can be, you know, written
5 out as an undertaking and we can receive it, we're --
6 we'll do -- we can handle that that way.

7 DR. KATHY RACHER: Okay. Kathy
8 Racher, with the Board.

9 So, I think -- yeah, Tamarra, can you
10 please propose some wording for the undertaking and
11 send it to Erica Janes? And we'll consider that
12 Undertaking number 1, but we want to make sure we've
13 got your wording and exactly what you're looking for
14 correct rather than guessing.

15 So, that would be really helpful if you
16 could do that before the end of the Hearing. And then
17 it will be considered Undertaking number 1. Thanks.

18 MS. TAMARRA LEWIS (by ZOOM): Tamarra,
19 with ADK. Yes, I can definitely do that. Thank you
20 very much. That's the end of my questions.

21 MR. MARK MACDOUGALL: Mark MacDougall,
22 ADK. I'd like to thank Paramount for -- for providing
23 their -- their answers and providing this
24 presentation; it was very helpful.

25 Madam Chair, we have no further

1 questions. Thank you.

2 THE CHAIRPERSON: Thank you, ADKFN.
3 I'd like to move forward with the next Intervener that
4 can ask their questions. And I propose it is now the
5 turn for Government of the Northwest Territories,
6 Department of Environment and Climate Change. You
7 have your opportunity to ask questions now. Please
8 proceed. Tanya MacIntosh, Chair.

9 MR. LEE ROSS: Thank you, Madam Chair.
10 Lee Ross, Government of the Northwest Territories. In
11 a -- Paramount -- Paramount provided a response table
12 to the recommendations from parties' interventions.

13 Paramount noted -- Paramount responded
14 noted twenty-eight (28) times to multiple
15 recommendations from parties. It's unclear what's
16 meant by noted. And if it infers agreement with the
17 recommendation or not, often further information in
18 the response is -- in the response to interventions
19 isn't provided and it's insufficient to interpret.

20 Could Paramount confirm when they state
21 'noted', if we should be assuming agreement,
22 disagreement, or something else?

23 MR. IAN KIER (by ZOOM): So, I think -
24 - Ian here, with Paramount. If it's possible to move
25 the camera back to a little bit right so I can see

1 Terence, it might help to see if he's about to answer
2 the question or not, but I don't know if you can do
3 that.

4 But 'noted' means that we -- we're
5 undertaking that question -- a response to that
6 question in the ICRP, so I don't think that you should
7 interpret it as agree or disagree.

8 MR. TERENCE HUGHES: So, Terence
9 Hughes, Paramount. We're referring to March 14th
10 document, right?

11 MR. IAN KIER (by ZOOM): Yeah, the
12 response intervention.

13 MR. TERENCE HUGHES: Yes --

14 MR. IAN KIER (by ZOOM): Like, for
15 example, I'm just going to start with the first table.
16 It's like 5.3.1.(a):

17 "ADKFN recommends the Water Act,
18 section 5.2(f) be fulfilling,
19 including, [like that]."

20 And then we say:

21 "Noted. Paramount expects this will be
22 provided in a Waste Management Plan and
23 subsequently in a detailed landfill
24 engineering report."

25 I just want to make sure we're all,

1 like, working through the same document. So...

2 MR. LEE ROSS: Lee Ross, GNWT. That
3 is the right -- right table we were talking about.

4 MR. TERENCE HUGHES: Okay.

5 MR. LEE ROSS: So, some of the -- for
6 the GNWT recommendations --

7 MR. TERENCE HUGHES: M-hm.

8 MR. LEE ROSS: I have an example here.
9 Recommendation 21 proposed the onsite landfill be
10 designed in accordance with CCME guidelines for
11 hazardous waste landfills. Paramount stated, "Noted,"
12 that they expect the land -- they expect to submit a
13 landfill engineering design report.

14 However, it's unclear to GNWT if
15 Paramount accepts the recommendation regarding to be
16 designed in accordance with the CCME hazardous waste
17 landfill guideline.

18 MR. TERENCE HUGHES: Terrance Hughes,
19 Paramount. If we agree with something, we would state
20 that we had agreed with it.

21 MR. LEE ROSS: Lee Ross, GNWT. It's
22 not stated agreed anywhere in the responses, or it's
23 also not stated disagreed. So, with 'noted', do we --

24 MR. TERENCE HUGHES: So --

25 MR. LEE ROSS: -- assume --

1 MR. TERENCE HUGHES: Terence Hughes,
2 Paramount. Working with your example, right, we say:

3 "Noted. Paramount expects to submit a
4 landfill engineering report design
5 report as part of the requirements
6 under the licence."

7 If -- we are not stating that it will
8 be directly in accordance with CCME national
9 guidelines for hazardous waste landfills. If we were
10 going to commit to that, we would have put that as the
11 second part of the sentence in our answer.

12 So, we acknowledge that -- that as part
13 of the landfill, we will have to submit a landfill
14 engineering report, design report. We are -- we are
15 not stating that it will be in accordance with CCME
16 national guidelines for hazardous waste landfills.

17 MR. BILL PAIN: Bill Pain, ECC.
18 Thanks, Terence. Can we go to GNWC -- or GNWT-ECC
19 comment number 1 as our recommendations on EQC.

20 So, we presented a table in our
21 intervention and the recommendation, and it just noted
22 as a response. So, I'm assuming that means...

23 MR. TERENCE HUGHES: Terrance Hughes,
24 Paramount. I think you heard Emma state earlier that
25 part of our interim Closure and Reclamation Plan, we

1 will include EQC as -- as part of that.

2 If that comes as part of the draft
3 licence, we will make submission, like, prior to the
4 submission of the ICRP. If we have to submit our own
5 EQC before that, we will submit, you know.

6 And we have received the GNWT EQC
7 document and have reviewed it. And I think we say
8 that we'll have, you know, further comments and our
9 own EQC.

10 MR. BILL PAIN: Bill Pain, ECC -- or
11 GNWT-ECC. Thank you.

12 So, if you're proposing a EQC within
13 this proceeding just for the evidence of us to
14 consider and the Board's consideration, when would
15 that be submitted and how would that be taken into
16 consideration to follow the rules?

17 MR. TERENCE HUGHES: Terence Hughes,
18 Paramount. I do believe there's further opportunities
19 if -- as I stated, the EQC are presented in the draft
20 licence, paramount was proposing -- I think you heard
21 Emma state that we were proposing to include it in the
22 ICRP, which I believe will be subject to review, as
23 will future Closure and Reclamation Plans.

24 So, I do believe there'll be further
25 opportunities over the life of the Project.

1 MR. RICK WALBOURNE: Rick Walbourne,
2 GNWT. Thanks for that, Terence.

3 Yeah, I think what we're -- we're
4 trying to get to here is it's GNWT's position that EQC
5 belong in the body of a water licence, as I know,
6 Board has heard previously, and not in ICRP.

7 So, we've made our proposal to the
8 Board, our recommended EQC. So, it would be our
9 assumption that -- well, maybe not an assumption, but
10 following through, the Board would potentially put
11 those EQC in a draft water licence for review.

12 So, we're just trying to understand.
13 And I think you've responded, Terence, that if the
14 Board does put EQC in a draft water licence, Paramount
15 would respond at that time as part of this proceeding.

16 So, we just want to make sure we're all
17 on the same page. We've provided EQC. It's our
18 assumption that they would be in a water licence. And
19 if there's another proposal from Paramount in -- you
20 know, to counter that, it would need -- and the Board
21 can speak to this, but it would need to be as part of
22 the proceeding prior to the Board making the decision.

23 So, I'll just leave it there. And it
24 sounds like if the Board moves forward over with EQC
25 as a draft water licence, Paramount would potentially

1 respond at that time. So, just to let people
2 understand where we're coming from there.

3 THE CHAIRPERSON: Tanya MacIntosh,
4 chair. GNWT, do you have any more -- okay. Please
5 follow up with your other additional questions. Thank
6 you.

7 MR. RICHARD NESBITT: Thanks for that.
8 Richard, On behalf of the GNWT.

9 So, the GNWT have, as Rick, and Bill,
10 and Lee stated, proposed Effluent Quality Criteria to
11 try to better understand what the potential effects
12 will be of contact water leaving any component of the
13 site, including leachate from the landfill.

14 Those proposed by the GNWT are
15 associated with other projects where the effects of
16 those particular concentrations have been defined and,
17 from our evaluation of those other licences, appear
18 appropriate for the similar type of facility proposed
19 by Paramount.

20 At this time, does Paramount see any
21 issue with applying the proposed EQC to any leachate
22 from the landfill as well as other contact water that
23 may be associated with the site?

24 MR. IAN KIER (by ZOOM): Ian Kier,
25 Paramount. If I understood correctly, we are -- we

1 have reviewed the -- the submission by ECC for
2 criteria, and we -- we will have comment on that.

3 And -- and I don't know. Pete, do you
4 want to comment on -- on what leachate criteria
5 typically look like?

6 MR. PETE MARSHALL (by ZOOM): Yeah.
7 Pete Marshall, with Adelantar.

8 There is no expectation that there will
9 be leachate discharged here at all. The -- the
10 leachate is all intended to be removed for offsite
11 disposal. and I wouldn't expect then that that would
12 be associated with an EQC at all.

13 MR. RICHARD NESBITT: Richard, on
14 behalf of the GNWT. Thank you for clarifying that
15 position.

16 Understanding that Paramount has
17 indicated that they do have comment or will be
18 providing comment on the EQC provided by the GNWT,
19 there's already been one (1) opportunity provided in
20 the response to the GNWT's intervention to provide
21 comment on those EQC.

22 Is it possible to provide those pending
23 comments on the EQC as an undertaking now to
24 facilitate developing our final closing position?

25 MR. TERENCE HUGHES: Terence Hughes,

1 Paramount. I -- I do believe -- and I'm just looking
2 at my emails -- you know, the EQC came March 31st.

3 MR. RICHARD NESBITT: Richard, on
4 behalf of the GNWT. The EQC were provided I think in
5 early March, late February in our intervention.

6 MR. TERENCE HUGHES: Okay. Okay. I'm
7 just -- maybe I'm thinking about the presentation, and
8 the EQC piece came later in the intervention
9 presentation. Terence Hughes, Paramount.

10 I'm just looking at Bill Pain's email
11 of April 2nd, so I -- and I have a question for maybe
12 the Board Chair, is, you know, our understanding is we
13 did our presentation, and then would take questions on
14 our presentation, and then Interveners will present.

15 And then we would have the opportunity
16 to ask questions on the subject matter that they
17 present. But I -- I feel currently we're being asked
18 questions about subject matter that GNWT I assume is
19 going to present as part of their intervention.

20 So, maybe it's -- is the conversation -
21 - I -- I would think we would ask our questions about
22 their EQC when they present it because we have not
23 presented their EQC as part of our intervention.

24 THE CHAIRPERSON: Tanya MacIntosh,
25 Chair. Terence, thank you for your comment.

1 And, yeah, I would prefer that we stick
2 to the presentation material that Paramount has
3 presented. There will be opportunity when you offer
4 your presentation to wholeheartedly get into this
5 conversation.

6 So, perhaps we can, you know, direct
7 the questions specifically to what the presentation
8 was offering, and then offer those -- those comments
9 later.

10 MR. RICK WALBOURNE: Thank you, Madam
11 Chair. Rick Walbourne, GNWT.

12 It was our -- it's been our
13 understanding that previously in addition to the
14 presentation material, it's an opportunity for
15 Interveners to question the Proponent on responses to
16 interventions because there has been no opportunity to
17 date.

18 So, just would like just confirmation
19 from the Chair if -- if we are not allowed to ask
20 follow-up on the Proponent's response to interventions
21 and we're just scoped specifically on the presentation
22 from the Proponent.

23 THE CHAIRPERSON: Tanya MacIntosh,
24 Chair. I'm just going to convene with my staff here
25 and I'll get back to you. So, if we could just take

1 another small break, please. Thank you so much.

2

3

(BRIEF PAUSE)

4

5 THE CHAIRPERSON: Tanya MacIntosh,
6 Chair. I'd like to direct -- I'd like to ask actually
7 our staff, Kathy Racher, or our legal counsel, to
8 answer your question to GNWT-ECC. So, please go
9 ahead.

10 MR. TOBY KRUGER: Toby Kruger, Board
11 legal counsel, here. So, our understanding is that
12 the GNWT is -- is asking whether Paramount has any
13 evidence of their own to provide with respect to the
14 EQCs at this time.

15 Is that -- is that accurate?

16 MR. RICK WALBOURNE: Rick Walbourne,
17 GNWT. Yes. I think it gets back to the original
18 question in response of -- of noted on the EQC. Yeah.
19 And if there is a disagreement, would there be
20 additional evidence provided by the proponent for
21 consideration of parties?

22 I think the bigger question was: Can we
23 continue a line of questioning regarding their
24 responses to interventions that may not have been
25 specifically in the presentation I think it is the

1 bigger question.

2 But to the EQC question, I think you're
3 correct, Toby.

4 MR. TOBY KRUGER: Yeah. Thanks. Toby
5 Kruger, legal counsel, here.

6 So, yeah, as a -- as a general
7 proposition questioning on responses to interventions
8 that Paramount has put forward, this is a fair
9 opportunity for -- for the GNWT to -- to do that in
10 this Hearing process.

11 With respect to the questions about EQC
12 in -- in particular, if Paramount has additional
13 evidence that they would like to provide beyond what
14 they have provided in their undertaking responses to
15 date, then they're free to -- to do that by way of
16 undertaking as this is the -- the evidentiary phase of
17 the proceeding.

18 But if a Paramount prefers not to do
19 that or prefers to ask GNWT when it comes time to
20 questioning them about the EQCs that they provided,
21 then -- then that's entirely fair, also. Thank you.

22 THE CHAIRPERSON: Tanya MacIntosh,
23 Chair. Terence, do you have a response to our legal
24 counsel question? Thank you.

25 MR. TERENCE HUGHES: Terence Hughes,

1 Paramount Resources. I -- I'm hoping it's not an
2 either/or that is being proposed. I think we'd like
3 the opportunity to ask the questions when the time
4 comes on the presented EQC. And then if we wanted to
5 submit further evidence, we'd like to reserve that
6 right, depending on the answers we -- we've heard and
7 -- and the questions we ask.

8 Or, if it's easier, we can take --
9 yeah. We -- we thought they propose it, we would ask
10 some questions, and then we continued to disagree and
11 needed to submit evidence, then that's what I
12 understood undertakings to be for. But they've raised
13 it to us, I guess, so is it the appropriate time for
14 us to take the undertaking now or is it to wait?

15 THE CHAIRPERSON: Tanya MacIntosh,
16 Chair. I'll direct the conversation to our legal
17 staff. Thank you.

18 MR. TOBY KRUGER: Thanks, Madam Chair.
19 Toby Krueger here.

20 It was not an either/or. Paramount in
21 the order proceedings has an opportunity to reply at
22 the -- at the close of the proceedings. And if at
23 that point it wishes to provide an undertaking with
24 respect to -- to further evidence, then it'd be free
25 to do so at that point. Thank you.

1 THE CHAIRPERSON: Tanya MacIntosh,
2 Chair. GNWT-ECC, is that clear for answering the
3 questions that, yes, you are allowed to have the
4 questions that you wanted to ask. And I'm sorry about
5 my response earlier. I should have conferred first,
6 but if you have more questions, please proceed. Thank
7 you.

8 MR. RICK WALBOURNE: Rick Walbourne,
9 GNWT. No, thanks for that confirmation. That's why
10 we have the discussions, I guess, but that's -- that's
11 all good.

12 Yeah. And just to -- to close off the
13 EQC note, we just wanted to make sure, you know, if
14 there -- if there was new information potentially
15 coming from Paramount on that, that there would be
16 opportunity for parties to comment.

17 And -- and we're not sure if it would
18 be the draft water license or -- or closing, but we
19 just want to make sure that there's still an
20 opportunity for us as well as other parties, if that's
21 something Paramount wishes to pursue. That's all.
22 So, I'll -- I'll pass it back to staff to continue
23 with questions.

24 MR. LEE ROSS: Lee Ross, GNWT. Our
25 next question was about engagement, noting that the

1 landfill was presented today. In Paramount's response
2 to Intervention, I believe maybe in the Millennium,
3 the additional appendix to their response, it was
4 stated that additional engagement with ADKFN regarding
5 their support for a potential landfill and associated
6 activities was going to be undertaken.

7 Can Paramount update parties on whether
8 there have been any updates that they can share on
9 this engagement with ADKFN regarding the concerns
10 expressed in ADKFN's Intervention?

11

12 (BRIEF PAUSE)

13

14 MR. TERENCE HUGHES: Sorry, I'm just
15 having a technical issue with the file.

16

17 (BRIEF PAUSE)

18

19 MR. TERENCE HUGHES: The last
20 engagement is documented in the engagement log, which
21 was submitted in support of the application. So that
22 would've been in 2023, which was a follow-up to a
23 meeting request from ADKFN that Paramount received on
24 July 18th, 2023.

25

Paramount provided additional

1 information and a response on August 23rd, 2023, and
2 then followed up on the meeting request again on
3 September 11th and September 19th of 2023.

4 MR. BILL PAIN: Bill Pain, Government
5 of the Northwest Territories, ECC. Thank you,
6 Terence.

7 Going to move on to maybe just a couple
8 of questions. Well, this one will be on the landfill
9 for me, and then I'll pass it over to our consultants
10 for a couple. This will hopefully be an easy one.

11 Can Paramount just confirm that you
12 guys won't be accepting any like land -- or soil or
13 other waste from other project sites that Paramount is
14 currently remediating in the -- in the area or other
15 areas, like Fort Liard West? Like it's just going to
16 be for the project from Pointed Mountain, correct?

17 MR. TERENCE HUGHES: Terence Hughes,
18 Paramount Resources.

19 Ian, feel free to correct me if I'm
20 wrong, but as was stated, I think a number of times
21 during our presentation, it's for the Pointed Mountain
22 project area.

23 MR. IAN KIER (by ZOOM): Yeah. Ian
24 Kier, Paramount. That -- that's correct, as I
25 mentioned several times during the presentation.

1 MR. BILL PAIN: Thank you. Bill Pain,
2 ECC. Okay. Thank you. So, there'd be no opposition
3 to a condition saying that the waste within that
4 landfill only could be from the project site?

5 MR. TERENCE HUGHES: Terence Hughes,
6 Paramount Resources.

7 As long as the project site is defined
8 as the entirety of the Pointed Mountain area and not
9 limited. I think, as we noted in our presentation,
10 there's a number of sites within the project area that
11 we would plan to remove soil from for the contaminated
12 soil area. But generally speaking, if it is like,
13 quote unquote, you know, the geographic extent of what
14 we applied for, we would not object to that.

15 MR. BILL PAIN: Bill Pain, Government
16 of the Northwest Territories, ECC. Thanks, Terence.

17 No, that's good. I agree with that, so
18 I'm going to pass it over to -- to Richard Nesbitt
19 for a couple of questions. Thank you.

20 MR. RICHARD NESBITT: Thanks, Bill.
21 Richard Nesbitt, on behalf of the GNWT.

22 I just wanted to follow up with my
23 interpretation of I think what Pete responded to our
24 earlier comment on Effluent Quality Criteria.

25 From what I understood, Pete indicated

1 that all leachate from the landfill would be removed
2 and therefore effluent quality criteria may not be
3 required.

4 I want to clarify that the proposed EQC
5 from the GNWT were intended to apply not only to the
6 landfill soil containment facility, but also to all
7 contact water that may be impacted as a result of
8 coming into contact with the site. And I'd highlight
9 specifically the potential for the surge pond.

10 So, is it Paramount's position that all
11 contact water, including that from the landfill, would
12 be removed from the site and not discharged to the
13 environment?

14 MR. TERENCE HUGHES: Terence Hughes,
15 Paramount. I think in the presentation and -- and to
16 answering your question, the response was specific to
17 the leachate. Paramount does not propose to discharge
18 the leachate. That will be disposed outside of the
19 project area.

20 The other contact water, the -- the
21 surge pond is no longer there, so we don't expect
22 contact water from the surge pond.

23 We do understand that the criteria
24 would be for other contact sites. I think as part of
25 the technical session, it was discussed about like

1 open excavations and things of that nature. We
2 understand that the EQC proposed by GNWT is -- is for
3 that sort of contact water, yes.

4 MR. RICHARD NESBITT: Richard, on
5 behalf of -- Richard Nesbitt, on behalf of the GNWT.
6 Thank you for that clarification.

7 Understanding the broader intent of the
8 EQC, does Paramount see any issues with maintaining
9 the proposed setback from all surface water that
10 contact water may be discharged towards?

11 MR. IAN KIER (by ZOOM): Ian Kier,
12 Paramount. So, if we're referring to contact water,
13 you know, not -- not groundwater discharge, contact
14 water being what Terence just described there, then
15 yes, we're not proposing we -- we discharge directly
16 into a surface water body.

17 MR. TERENCE HUGHES: Terence Hughes,
18 Paramount Resources.

19 Is the -- like your reference is number
20 2, discharge should only occur to land at least 250
21 meters from the nearest surface water body?

22 MR. RICHARD NESBITT: Richard, on
23 behalf of the GNWT. That's correct.

24 MR. TERENCE HUGHES: Ian...? Terence
25 Hughes, Paramount. Ian, can you respond? They're --

1 they're proposing a 250-meter setback for discharge.

2 MR. IAN KIER (by ZOOM): Emma, are you
3 -- are you able to identify any issues with that at
4 this time? Sorry. Ian Kier, with Paramount.

5 MS. EMMA STIENNE (by ZOOM): Emma
6 here, from Millennium. Let me think on this.

7 Yeah. I mean, for like the plant
8 sites, I don't believe there are any surface water
9 bodies within 250 meters. So, you know, if there's
10 excavations on that site, the -- the intent I'm sure
11 would be to discharge any accumulated water onto the
12 site itself, not -- not anywhere near a surface water
13 body.

14 There are some well sites, whether
15 excavation's proposed, which are closer to surface
16 water would be less than 250 meters. And so, we
17 probably need to look at whether the 250 meters was
18 reasonable 'cause that would -- if -- if that was a
19 condition, that would mean that that water would need
20 to be transported elsewhere for -- for discharge. So
21 that would be something we need to -- to consider.

22 So yeah, probably can't answer that. I
23 mean, the 250 meters, particularly in a fine-grained
24 soil, would allow a lot of capacity for attenuation of
25 any increased concentration, so that'd be something

1 we'd need to consider. Thank you.

2 MR. RICHARD NESBITT: Richard, on
3 behalf of the GNWT. It sounds like that information
4 could be ascertained at this time.

5 Is it possible to provide a response
6 either during these proceedings or through an
7 undertaking identifying locations where the 250-meter
8 setback would pose a challenge for Paramount? And by
9 challenge, I specifically mean that the feature is
10 closer than 250 meters to a surface water body
11 requiring that water to be transported elsewhere for
12 management.

13 MR. TERENCE HUGHES: Terence Hughes,
14 Paramount. We can either provide that evidence or
15 undertake to provide that evidence before the close of
16 this hearing.

17 DR. KATHY RACHER : Okay. Kathy
18 Racher here, for the Board. So, we'll consider that
19 Undertaking 2, but if you -- if you do get it to us by
20 the end of the hearing, then we'll just strike it off
21 after that. Thanks, Terence.

22 MR. JAMIE VAN GULCK: Jamie Van Gulck,
23 for the GNWT. I have a couple questions about the
24 landfill.

25 In particular, Paramount has proposed a

1 landfill as an option for a closure of the project
2 site.

3 The timing to determine if a landfill
4 is the preferred option is a bit unclear, and it may
5 be addressed as part of the interim Closure and
6 Reclamation Plan, or it could be reliant on
7 information and collected at the site to further
8 characterize the site.

9 Could the Proponent clarify when a
10 decision on the use of the landfill would be made, and
11 specifically the timing for the completion of those
12 specific pieces of information, to help inform that
13 decision?

14 MR. TERENCE HUGHES: Terence Hughes,
15 Paramount. Just for clarity, the -- the landfill is
16 the preferred option for Paramount for closure of the
17 site. I will turn it over to my colleague, Ian Kier,
18 to talk to when potentially the -- the siting work
19 would be completed.

20 MR. IAN KIER (by ZOOM): Ian Kier,
21 Paramount. We have proposed the siting work -- so the
22 -- mainly the -- the geotechnical drilling -- to be
23 completed along with the proposed additional
24 environmental assessments.

25 MR. JAMIE VAN GULCK: Jamie Van Gulck,

1 for the GNWT. Would you have a more specific
2 timeframe to complete those things?

3 MR. IAN KIER (by ZOOM): It would be
4 the -- I mean, basically, the next step in this
5 process is -- you know, after obtaining a license is
6 the -- is the additional environmental assessments.

7 MR. JAMIE VAN GULCK: Thank you.
8 Jamie Van Gulck, for the GNWT. I'm not hearing a
9 timeframe.

10 So, if you could please clarify, what -
11 - what is the expected timeframe? Maybe it's based on
12 a year, post license issuance, or some other
13 timeframe.

14

15 (BRIEF PAUSE)

16

17 MR. TERENCE HUGHES: Terence Hughes,
18 Paramount. We would have to assume that the Board
19 will grant us a licence and permit. I think the
20 current timeframe, you know, eliminates that work
21 occurring this year, so the earliest work could occur
22 is the summer of 2026.

23 MR. JAMIE VAN GULCK: Jamie Van Gulck,
24 for the GNWT. Maybe I'll adjust my questions a little
25 bit.

1 When would a landfill design be
2 available to be provided to the Board? And I'm
3 assuming that the landfill design would build upon the
4 information to collect further site information and to
5 inform your Phase 2 ESAs.

6 MR. TERENCE HUGHES: Terence Hughes,
7 Paramount Resources. I -- I think a large portion of
8 the landfill design would be included in the ICRP.
9 You know, I think we've identified our preferred
10 location.

11 Like the finalization of siting or a
12 change in siting, you know, may not be included in --
13 or the finalization of citing may not be included in
14 that document. So subsequent, you know, to the
15 geotech work, we would -- if we had to find an
16 alternative location based on results, you know, then
17 I guess we would have to resubmit an updated ICRP.

18 MR. JAMIE VAN GULCK: Jamie Van Gulck,
19 for the GNWT.

20 I am trying to understand when there
21 will actually be a document that defines the landfill
22 design. and I'm hearing now that it's possibly part
23 of the ICRP, but it is common that design documents
24 have separate terms and conditions of the licence.

25 I'm not getting a clear picture of the

1 timeline still as to when this landfill design will be
2 available. And if it's part of the ICRP, when is that
3 timeframe then? If it's not part of the ICRP, when is
4 the timeframe for the landfill design report? What do
5 you expect? Is it one (1) year from now? Is it two
6 (2) years from now? Is it three (3) years from now?
7 I'm trying to get a sense of the timeframe

8 MR. IAN KIER (by ZOOM): Ian Kier,
9 Paramount. So, I think, you know, Terence -- Terence
10 kind of mentioned on the -- this -- as soon as we can
11 get out there and do the drilling and the potential
12 issues with obviously not knowing what we're going to
13 find ahead of time, the -- if you're looking for the
14 detailed final design report, that would not be in the
15 ICRP. It would be -- it would be in a report done
16 after the additional site assessment.

17 So as an example, if there was the
18 opportunity to drill in 2026, you know, I would expect
19 it would probably be six (6) months following
20 identification of a successful site.

21 MR. JAMIE VAN GULCK: Thank you.
22 Jamie Van Gulck, for the GNWT.

23 The Board has completed a preliminary
24 screening that determined impacts from the landfill
25 can be mitigated and managed in the license, but the

1 Proponent hasn't completed any evaluation of how the
2 quality of the groundwater or surface water
3 downgrading of the landfill at this time.

4 Additionally, the Proponent hasn't
5 proposed a change to the water quality that they
6 deemed acceptable down gradient of the landfill and
7 acceptable in terms of being protective of the
8 environment or compatible with local land uses.

9 Would Paramount be willing to accept a
10 water license from the board that does not have a
11 landfill authorized at this time? This means that a
12 water license amendment would be required in the
13 future once the details of the landfill and its
14 impacts are further defined.

15

16 (BRIEF PAUSE)

17

18 MR. IAN KIER (by ZOOM): Ian Kier,
19 with Paramount. No, Paramount does not want us to
20 receive a water license that doesn't include a
21 landfill. It is our preferred option.

22 MR. TERENCE HUGHES: Terence Hughes,
23 with Paramount. I think if you look at the regulatory
24 history for Paramount at Pointed Mountain, we withdrew
25 applications. And we were asked to, you know,

1 provide the information we could as to what our long-
2 term plans and preferred options at the site were.

3 I think we've been very clear through
4 the current applications including today that we have,
5 you know, applied for the landfill and there -- there
6 has been, and maybe there continues to be,
7 opportunities for -- for the Board, if it doesn't
8 consider the landfill, to, you know, ask Paramount to
9 reapply or -- or consider another process.

10 But to be clear, like we feel like
11 we've applied for a landfill, and, you know, we'd have
12 to take -- we will have to see where the process goes.

13 MR. BILL PAIN: Bill Pain, GNWT-ECC.
14 Thanks, Terence. So, it's kind of coming clear that
15 there's still some outstanding uncertainties on the
16 impacts including that -- the design and
17 susceptibilities of this landfill.

18 Our understanding is that we've
19 encouraged Paramount to apply for a water licence to
20 manage the site currently, 'cause again we're having
21 unauthorized discharge of waste to the local
22 environment's impacting it. This has been documented.

23 So, would Paramount be open or amenable
24 to having a water licence to manage the site now in
25 its current form, to provide some remediation

1 activities to get the site safe and secure? And while
2 they're doing that, they can apply and find this
3 information out that we need for the closure plan, the
4 design criteria for the landfill.

5 And once they have that information,
6 then they can amend the license to get that landfill
7 or however final decision they want on how the
8 disposal of that waste. But instead of leaving the
9 site as is now, at least they have some authorization
10 to manage the site.

11 Would Paramount be open to that?

12 MR. TERENCE HUGHES: Terence Hughes,
13 for Paramount. It's interesting.

14 I do believe that's what our former
15 applications were for. And I think we heard from
16 reviewers -- I can't remember exactly which reviewers
17 -- and the Board that they wanted to see applications
18 that included the long-term plans for the site from
19 Paramount. So that's what we've provided.

20 I'm now hearing -- and correct me if
21 I'm wrong -- I'm now hearing from GNWT that you'd like
22 us to take a license for a short term. Like would
23 that be a type B instead of a type A?

24 We -- our -- our -- given our
25 experience and -- and history with the Mackenzie

1 Valley Land and Water Board, which is long, has
2 included other type A licenses, I would suggest that
3 there'll be ample time for further reviews of plans,
4 criteria and changes.

5 Our operating history and regulatory
6 history on the public registry for other projects
7 shows that additional plans can be added to licenses
8 and permits, you know, as information is updated, as
9 its expected plans will be updated. All of those
10 plans go out for review, are subject to review or
11 comment.

12 We would not like to go through this
13 process again. We understand there will be a
14 substantive amount of work associated with not only
15 the work on the ground, but the administrative burden
16 that comes with a type A water license that's given
17 under this legislation in this jurisdiction.

18 We think there's plenty of opportunity
19 for further information and further review. We're
20 quite honestly surprised that a path that was
21 previously investigated by Paramount and was commented
22 that was not what the reviewers and the Board would
23 like is now being suggested as an alternative.

24 MR. RICK WALBOURNE: Thanks, Terence.
25 Rick Walbourne, GNWT. Yeah, I -- I understand what

1 you're saying.

2 So just to clarify, I think the issue
3 originally from the Board and -- and maybe Interveners
4 was that there was reference to a landfill in the
5 initial application with -- with no information.

6 So, the Board -- or, sorry, the
7 comments back were that, if the landfill is going to
8 be included, parties needed to see the information on
9 that landfill to properly assess it and include it
10 within the scope. So, Paramount undertook that work
11 to attempt to include the landfill in the application
12 as was requested by parties.

13 I think what we're saying now is we
14 still are unsure of the impacts given the early stages
15 of development and planning of the landfill. So, I
16 don't think we want to pursue thus further, but -- and
17 I know we can't question the Board unless we ask for a
18 request for ruling, but we just want to make sure that
19 there's enough information currently to be
20 appropriately preliminary screened as required under
21 Part 5 of the MVRMA before moving on.

22 Just covering ourselves from a legal
23 component as well as this license will come to our
24 Minister for approval and to make sure everything was
25 correct.

1 So, is it possible to get a ruling from
2 the Board or clarification from the Board that they do
3 have sufficient information related to the landfill
4 for this water licence proceeding? And with that, I
5 think we can move off this point.

6 THE CHAIRPERSON: Tanya MacIntosh,
7 Chair. If you can just give me a second, I'll have
8 our staff respond to you. Thank you.

9

10 (BRIEF PAUSE)

11

12 THE CHAIRPERSON: Tanya MacIntosh,
13 Chair. I'd just like to ask Heather Scott from our
14 staff to answer the question. Thank you.

15 MS. HEATHER SCOTT: Thank you, Madam
16 Chair. It's Heather Scott, Board staff.

17 So, Board staff would just like to note
18 that they think in general the Board considers
19 applications for projects for water licence
20 applications that don't have fully realized closure
21 options often, and that the Board has standard licence
22 conditions particularly related to say a closure
23 option for landfill or soil containment.

24 We feel as though the Board's standard
25 conditions for closure and reclamation plans as well

1 as the details that are required in a design and
2 construction plan would allow for a Proponent -- or a
3 licensee to provide detail for public review and for
4 the Board to consider those post issuance.

5 MR. RICK WALBOURNE: Rick Walbourne,
6 GNWT. Thank you, Heather, for that clarification.
7 I'd just like to pass it over for Richard Nesbitt who
8 has some last questions on monitoring, and I think
9 that will conclude our questions. So, Richard...?

10 MR. RICHARD NESBITT: Thanks, Rick.
11 Richard Nesbitt, on behalf of the GNWT.

12 In line with GNWT's Recommendation
13 Number 9, the GNWT noted that there is an absence of
14 pre- and post-remediation monitoring plan provided
15 within the application.

16 We've requested details of that
17 monitoring plan through our IR No. 17, and were a
18 little concerned to note that Paramount's presentation
19 did not suggest that monitoring will expressly include
20 any surface water monitoring, simply alluding to
21 ecological assessments.

22 So, understanding that the GNWT and
23 other parties have still requested information on
24 monitoring within these proceedings, can Paramount
25 provide details of where, what and how frequently

1 monitoring will occur around their site?

2 We suggest that while we understand
3 this information is forthcoming in the ICRP, those
4 core details, given how close the submission of the
5 ICRP looms, could be available at this time for
6 parties' consideration

7 MR. IAN KIER (by ZOOM): Ian here,
8 with Paramount. In, you know, on slide 19, I think we
9 did mention surface water assessment.

10 But, just in general, I think, to ask
11 us to describe verbally the detailed monitoring
12 programs associated with something, the -- the scale
13 of the Point of Mount Field isn't -- isn't reasonable.
14 Like you said, the ICRP is looming, so if -- if you're
15 asking Emma just to -- to look at a draft report and -
16 - and list off the -- the actions, I don't think we're
17 going to get there today. And if I've misunderstood
18 that request, maybe if you could clarify it.

19 MR. RICHARD NESBITT: Richard, on
20 behalf of the GNWT.

21 We're -- the -- the intent of our
22 question here is to get a better understanding of how
23 impacts associated with a, to be defined landfill,
24 will be assessed, understanding that there are water -
25 - surface water bodies of concern on the site. And

1 there is the potential for some monitoring locations
2 to be included within the body of the licence, or in a
3 plan.

4 We are looking to gain further clarity
5 on how Paramount plans on evaluating the success with
6 their remediation efforts, in particular, the
7 Fisherman's Lake and in the wetland.

8 Knowing that, as you said, Ian, it is
9 challenging to provide that information verbally,
10 would it be possible to provide that information for
11 parties' consideration as an Undertaking within these
12 proceedings?

13 MR. IAN KIER (by ZOOM): Ian here,
14 with Paramount. If I understand correctly, I think
15 you've asked just related to the -- to the landfill.
16 But I just want to highlight that, you know, while we
17 have a -- while we have a conceptual location for the
18 landfill we do need to -- to do the siting work
19 required to confirm that's a suitable location.

20 And so, I think identifying monitoring
21 locations ahead of even having the final location
22 determined is maybe premature. But it -- was it just
23 the landfill or were you looking for other monitoring
24 locations?

25 MR. RICHARD NESBITT: Richard, on

1 behalf of the GNWT. I mean, certainly, we would be
2 looking for final discharge locations of any potential
3 contact water around the site. But primarily, we are
4 referencing our recommendations regarding monitoring
5 in the wetland and around Fisherman's Lake.

6 So, are the monitoring stations that
7 may be used to evaluate existing impacts and potential
8 improvements in that receiving environment currently
9 available for parties' consideration?

10 And I know that the landfill, the
11 specific location, has yet to be fully defined, but
12 the receiving environment of interest to parties is
13 currently known.

14 MR. IAN KIER (by ZOOM): Ian Kier,
15 with Paramount. Sorry, I'm just -- I'm just thinking
16 that over.

17 I -- I know we have presented existing
18 monitoring locations in the -- in the reports provided
19 to date. That would be the Wetland Report, the
20 Groundwater Report, so I think we could safely say
21 most of those will continue to be monitored.

22 You -- you know, I would just
23 highlight, we do have additional assessment locations
24 planned and, you know, what might be considered a -- a
25 contaminated potential concern today, won't be

1 following our -- our subsequent site assessments and
2 guideline development.

3 So, we do have monitoring stations and
4 ground -- you know, identified in that wetland
5 assessment, I think. And also, you know, the -- the
6 location of the groundwater -- existing groundwater
7 monitoring provided.

8 And I don't think that our ICRP is in a
9 condition today that we could provide that as an
10 Undertaking by the end of these hearings in terms of
11 the detailed plans, further than what's already been
12 provided, I think.

13 MR. RICHARD NESBITT: Richard, on
14 behalf of the GNWT.

15 I think that provides some useful
16 context for our understanding, thank you.

17 MR. RICK WALBOURNE: Rick Walbourne,
18 GNWT, that -- that concludes our questioning. Thank
19 you, Terence, and the others from Paramount for your
20 responses. Thank you.

21 THE CHAIRPERSON: Tanya MacIntosh,
22 Chair. Just wondering if there's any GNWT staff on
23 line that need to ask questions.

24 MR. RICK WALBOURNE: Rick Walbourne,
25 GNWT. I'm not hearing from them, so I think we can

1 move on, but thank you for -- for that.

2 THE CHAIRPERSON: Tanya MacIntosh,
3 Chair. At this time, it seems to be a good stopping
4 point to just take a fifteen (15) minute health break.

5 I, once again, ask everyone to get
6 ready under -- after the fifteen (15) minute break so
7 that we can get started again, 'cause the intention is
8 that we will finish this portion of the day at 6:00
9 p.m. for an hour and a half break before we start the
10 evening session.

11 So, when we come back from the break,
12 we will start with the intervention questions from,
13 yeah, ECCC. So, thank you all, have a great break and
14 see you in fifteen (15). Mahsi.

15

16 --- Upon recessing at 4:53 p.m.

17 --- Upon resuming at 5:11 p.m.

18

19 THE CHAIRPERSON: Tanya McIntosh,
20 Chair. I'd like to just make an announcement that
21 we're going to be doing a slight adjustment to the
22 agenda today. And I appreciate everybody's
23 cooperation with this.

24 At this time, We're going to just pause
25 the questioning for Paramount's presentation. and we

1 are going to allow ADKFN to do their presentation.

2 And I realize that that's a bit of a changeup, but we
3 will allow the presentation from ADKFN.

4 Then what I would like is that we will
5 reconvene to finishing off the questioning for
6 Paramount's presentation before we start questioning
7 ADKFN. And I appreciate everyone's patience and
8 understanding for this.

9 And so, at this time, I'd like to
10 invite ADKFN to please start their presentation.

11 Thank you.

12

13 PRESENTATION BY ADKFN:

14 MR. MARK MACDOUGALL: Mark MacDougall,
15 on behalf of Acho Dene Koe First Nation. I can sort
16 of get started as they're pulling that up there.

17 Madam Chair, thank you very much for
18 accommodating our request to present today.
19 Unfortunately, Chief Hope was unavailable tomorrow, so
20 it's important that -- that he be able to -- to join
21 us today and -- and share some thoughts as -- as we
22 get going.

23 So, it's my pleasure to present the
24 intervention on behalf of Acho Dene Koe First Nation.
25 As noted, I'm privileged to be joined by Chief Hope as

1 well as Tamarra Lewis online, who's -- who's joining
2 virtually and will be -- will be available tomorrow.

3 Through our intervention, we -- we
4 intend to make it clear that we do not oppose the
5 fundamental intention of the Applicant's proposal,
6 which is to abandon and reclaim the Pointed Mountain
7 gas Project. Rather, we oppose the decision that is
8 contemplated to leave hazardous waste at Pointed
9 Mountain, an area of great cultural significance to
10 Acho Dene Koe First Nation.

11 in our presentation today, I'll -- I'll
12 call upon Chief Hope to share Acho Dene Koe first
13 Nation's relationship to the community -- sorry, the
14 community -- the relationship the community has to --
15 to Pointed Mountain and Fisherman Lake area, which is
16 immediately adjacent to Pointed Mountain, some of the
17 concerns that he's -- he's heard as chief and
18 certainly some of the opportunities that -- that the
19 community sees for the area once the site is -- is
20 fully reclaimed.

21 So, I'll -- I'll now turn it to -- to
22 Chief Hope to share some of those thoughts.

23 CHIEF EUGENE HOPE: Thank you,
24 everybody. Like Mark said, I just want to share --
25 oh, Chief Hope, with Acho Dene Koe First Nation --

1 some thoughts on the area and the importance to the
2 people.

3 For generations, Fisherman Lake, like
4 many lakes around here, have been a very important
5 source of food and is a very important cultural
6 significance because our people thrived around these
7 lakes.

8 And for a few decades now, our people
9 struggled around Fisherman Lake health wise and stuff
10 like that due to industry and contamination and stuff
11 in the lake due to injection wells and stuff.

12 The -- the thought of contaminants
13 being buried anywhere around the lake is -- you know,
14 it angers some of our members, especially ones that
15 have dealt with loss of family, either from cancer or
16 things that happened around there.

17 I wish there was a few members here
18 that are part of a family that was -- lost family
19 members due to an acid spill that happened years ago
20 there, resulted in a loss of family members.

21 But the importance is that of keeping
22 the land clean, you know, to -- to leave the land the
23 way it was before industry got there. You know, it --
24 it would be always on people's minds whether they can
25 trust that lake or not.

1 Some people have gotten past that.
2 Some people still are cautious whether they can safely
3 consume or swim in the water. Some people fish it.
4 Some people eat the fish. Some people will still not
5 eat the fish because they still have that past
6 knowledge of what -- what went on in the lake and
7 around the lake with industry.

8 And, you know, for me, the location of
9 where this landfill or single cell would be put, if --
10 if you had an understanding of the lay of the land
11 around there, you have three (3) sites that are all,
12 like, say like a basin. And the end of the lake is
13 where -- where the plant site is, is an area where we
14 have runoff from both areas. Both sides come around
15 the lake -- or that site, through the mountains this
16 way, and then from the -- the corner of the mountain
17 this way. They have constant runoff.

18 Water comes out of the mountains in one
19 (1) location. That's why it's always feeding the
20 lake. It comes out the side of the mountain, so
21 there's always groundwater.

22 And for me, thinking that any level of
23 depth that this is buried at, and it wouldn't be very
24 deep to keep it over the ground wall, that water to
25 that affects the lake would be -- have to be buried

1 very deep.

2 My -- you know, looking at the
3 presentation from Paramount, in it, it says the -- the
4 thickness of the liner will be at a point where plants
5 -- plants might not be able to go through. But I've
6 seen plants go through boards underground. I've dug
7 out old basements where plants have gone through
8 concrete and boards.

9 I -- I've seen mice, small little mice,
10 chew through wire mesh and metal. Squirrels even go
11 through boards and stuff like that.

12 So, you know, the materials that I've
13 seen used for liners aren't impenetrable by burrowing
14 animals that I've seen and we have in our area. So,
15 it's a concern of mine that eventually down the road
16 if anything was buried, there would be penetration of
17 the material one way or the other.

18 You know, with a lot of things to
19 consider, one of the big things is climate change.
20 With climate change, what we've been seeing in the
21 back country, in the mountains, is landslides. Either
22 the permafrost that is now no longer holding things
23 together is releasing and you have slides.

24 And, you know, it's -- I -- I think of
25 all these things that I've seen working back in the

1 mountains and stuff, things that you think a road that
2 you built would never move, or a site you -- you pile-
3 drived hundreds of trees in would never move, I've
4 seen them move.

5 You can't stop mother earth from doing
6 what she wants. And -- you know, and I wouldn't want
7 our future generations that are not -- that are not
8 born yet to know that this stuff is there. What would
9 their thoughts be of past leadership, that why didn't
10 they fight to keep our land clean?

11 So, a lot of things that First Nations
12 are doing now is really fighting to have their land
13 clean when industry leaves.

14 You know, we -- we're in the process of
15 a land claim, and part of that is we're hoping to
16 eventually take over third-party assets and lands, you
17 know, the leases and that to -- to have it under our
18 land -- or under our control. And to properly take
19 over that, the land has to be clean.

20 And if anybody understands or sees the
21 -- the land claims that have gone on or that are still
22 in negotiations, ADK is kind of unique in a way that
23 we're the only First Nation in this land claim
24 compared to other land claim areas that have multiple
25 First Nations. And the reason for that is because of

1 our location, being in the Yukon, BC, and NWT. So, we
2 had to separate from the Akaitcho process.

3 And one (1) of the things that we have
4 to consider moving forward after final agreement, and
5 the government also says this, is own source revenue.
6 And we have to have our land to a point where we can
7 benefit from every part of our traditional territory
8 to create one (1) source of revenue, whether it's
9 forestry, tourism, gas activity, whatever. We have to
10 start looking at different things.

11 And one (1) of the big things -- and
12 Traditional areas. We have to protect those
13 Traditional areas.

14 So, you know, a few of my members that
15 were here are ones that were -- actually live at the
16 lake. They -- they'll be back this evening, they
17 said. And they want to speak on this, also, their
18 concerns with it. You know, it's -- it was very
19 important -- it is still very important to our people,
20 the health of that lake, especially moving forward
21 future generations.

22 Wintertime is a very important time for
23 people, especially around lakes, because that's where
24 they usually get their winter food from, the lakes.
25 During the summer months, they -- they gather around

1 the lakes and they hunt further back into the
2 mountains for sheep, moose, and all that.

3 So, it's a very significant area that
4 we're talking about. And what I'd like to see is a
5 total cleanup of the area, of all the sites. And we
6 have the former chief. Hopefully he shows up this
7 evening. He wasn't feeling good. He said he'll try
8 to make it this evening. And he has hands-on -- he
9 was on some of these projects of where material was
10 left and never -- they were never -- companies never
11 came back to clean it up. They're still there capped.
12 This was done a number of years ago. And we'd like to
13 see those areas cleaned up.

14 We have other members that -- that
15 worked on projects before Paramount took it over that
16 are still there. That should -- should be also
17 cleaned up.

18 So, it's -- I was hoping to have them
19 here with me. One (1) had to go to Nelson, and the
20 other two (2) will be back this evening to speak on
21 that. So, hopefully I encouraged them to come back
22 and speak on that.

23 We have a number of families out there
24 that use the lake. We have cabins for the First
25 Nations that we have out there where members can use

1 our cabins. We have a big main cabin. And those were
2 put in place right around the time of the shutdown of
3 Amoco because, you know, they were hoping that
4 eventually the lake -- everything would be clean
5 around it.

6 You know, there -- there was homesteads
7 around there. People had homes out there, log
8 buildings, like, homes. And now we have cabins. And
9 we want to get it back to a point where people can
10 live out there again year round.

11 And, you know, if the site was to be
12 cleaned up properly, it wouldn't be on the minds of
13 the people that want to go. They go out there, bring
14 their children out there.

15 And, you know, we'll have members that
16 will be, you know, pregnant out there, and we don't
17 have to have them have issues with pregnancy. You
18 know, it's -- it's a very real concern, especially at
19 that lake.

20 I, myself, I'm still cautious with the
21 fish from that lake. I -- I fish and go to a
22 different lake to -- to fish. I'll fish out there,
23 but I -- I catch and release. Most majority of people
24 that fish out there when the fishing tournament --
25 fishing derby happens leave the fish on the ice. In

1 some cases, I don't really like that because then the
2 crows and the eagles come when they see that, and
3 they've done that for many years.

4 So, it's -- this time of year, the
5 crows and eagles are really smart. They know when the
6 people are at the lake. They come because they know
7 there's going to be fish left on there. So, I'm still
8 -- I still have my concerns, but some people don't.
9 They -- they feel that some are clean enough that they
10 can rely on.

11 But I remember as a kid close to the
12 end of the lake of the plant and where the injection
13 well was, I still remember different size bubbles,
14 some as small as your finger and some as big as this,
15 that would be just bubbling up year round, the whole
16 lake. You'll be on it in the summertime; it'll be
17 bubbling.

18 In the wintertime, the ice could be 4,
19 5, 6 feet thick, and you'd just have perfect holes
20 right straight through the ice because the bubbles and
21 the gas that are coming out.

22 That all stopped when industry pulled
23 out of there and those injection wells stopped being
24 used. And, you know, we used to have all these little
25 tremors and stuff like that around the community. We

1 don't have those anymore.

2 So, getting back to the point of the
3 materials that -- the idea of a landfill or -- or a
4 single cell aligned pit buried is still a concern of
5 mine. You know, it -- it would really have to be
6 watched by members, you know, monitors of our
7 community to see how this is done if it is going to be
8 done, and for them to truly feel comfortable that this
9 will not leach or -- in any way down the road, affect
10 our -- our people, you know, and our animals, because
11 people consume animals out there. We hunt and fish
12 around there.

13 And a number of years ago, we had a
14 member that fished that lake, and also a stream just
15 on the backside of that mountain, and found a funny
16 fish. They -- they were so concerned that they
17 brought that fish to EC Renewable Resource, and it was
18 sent out. And the government, I don't know what their
19 response was, but the -- the guy that worked at the
20 renewable that time said he never seen a fish like
21 that before; neither have I, so it's, you know, a
22 concern of mine.

23 So, that, you know, toxins and
24 contamination may alter, you know, the fish and that,
25 and how is it affecting our people and the animals

1 that we consume, yeah, so.

2 So -- and years ago at the barge
3 landing that they used to use to go back into Nine
4 Mile into that site, the landing was quite big years
5 ago when I was young. And probably about ten (10) or
6 about fifteen (15) years ago now, seventeen (17) years
7 ago, as the -- the land washed back, they even buried
8 some metal and contaminants at the site, at the
9 landing.

10 We found the ground washed away so far
11 back, I don't know, it must have been 30 or 40 feet
12 from where it originally was. When it got to a
13 certain point, you'd take off from the landing and
14 just start going down river, and you could see this
15 big glob of gray stuff and you could really smell it.
16 It's like chemicals and contaminants in there.

17 And one of the guys took a sample of it
18 and brought it in and gave it to ENR. And I don't
19 know whatever happened to that sample, but then high
20 water came again that midsummer and washed out even
21 more of that land. And all that material that we've
22 seen coming out and squeezing out of that ground was
23 gone. It washed away and up on that bank. That
24 material went in the river.

25 So, a lot of our people were concerned.

1 Where did it go and what did it do? How are the First
2 Nations downstream going to be affected by that bit
3 mixed in and eroded into the water? So being not
4 truly the headwaters of the Liard River, the -- the
5 Fisherman Lake runs in just below that landing. A few
6 hundred meters below the Nine Mile landing runs into
7 the Liard.

8 So, it was always a concern that over
9 time our people here in the community also were
10 affected by that lake running off upstream from our
11 community. And we had people in the community and
12 still dealing with cancer. We have lost a lot of
13 people with cancer, too.

14 I'm not sure if it's the result of
15 that, but we just want our lands cleaned up properly,
16 especially for future generations. We don't want
17 stuff like that to resurface in a bad way.

18 So, I'd just like to thank you for
19 letting me speak of that. Like I said, I wish some of
20 the other guys were here and could speak up. And I
21 hope they come back this evening and I'll speak to
22 them and make sure they come back and give you their
23 past experiences of living around the lake and, you
24 know, what their family's been through. Hopefully
25 they can hold it together long enough that they can

1 bring those stories to you.

2 That's why we need it cleaned up. And,
3 you know, for me, projects that go on in the summer
4 are high cost, but you build an ice bridge and open a
5 winter road. You can get materials out of there
6 twenty-four (24) hours a day at a lower cost. And,
7 you know, it's a -- it's an easy cleanup, easily
8 hauled out, whereas summer months, the high cost is
9 lots to do with barging and low water really affects
10 how fast you can get that material.

11 Wintertime, you just blow the winter
12 road and two (2) ice bridges and twenty-four (24)
13 hours a day, and you're done in a couple weeks, you
14 know, instead of months. So just my thoughts on that.
15 Thank you. And I'll let Mark do the presentation for
16 you guys. Thank you.

17 MR. MARK MACDOUGALL: Mark, on behalf
18 of ADK. So, if I can get the presentation to advance
19 to slide 7, I believe it is, Remediation Methods --
20 yeah, that one right there. Thank you.

21 Thank you, Chief Hope.

22 So, picking back up on -- on the
23 remainder of our presentation today, one of the
24 greatest challenges that we've faced in understanding
25 the potential impacts of the proposed abandonment and

1 reclamation is the lack of Closure and Reclamation
2 Planning that the Applicant has provided.

3 Guidance issued by the Mackenzie Valley
4 Land and Water Board identifies Closure and
5 Reclamation Plan as a required plan for submitting a
6 type A water license even if that plan is only in a
7 conceptual stage.

8 So, we'd like to point out that the
9 nature of this proposed activity, which is very much
10 closure and reclamation, by not requiring this plan to
11 be presented for consideration before -- before the
12 water license decision is a little bit absurd and --
13 and frankly has, you know, some deep challenges that
14 we've already heard about in determining what the
15 extent of what is being proposed will entail.

16 We -- we do -- we do note that in
17 presenting, you know, the partial plan for Pointed
18 Mountain site, the Applicant has deferred providing
19 substance to how their efforts work towards the core
20 principles of a Closure and Reclamation Plan as
21 outlined by Board's guidance documents.

22 Of significant note, we -- we lack the
23 information regarding how the applicant proposes to
24 achieve physical and chemical stability, how long they
25 anticipate active care and monitoring to take, and,

1 perhaps most critically, how their activities will
2 support future land use of the site envisioned by Acho
3 Dene Koe First Nation. Next slide, please.

4 I won't dwell on this too much because
5 I think Chief -- Chief Hope made this quite clear, but
6 really to be comfortable with what's proposed, we can
7 only really accept a plan that returns the site to
8 pre-disturbance conditions.

9 So, we don't see a pathway for that
10 that includes waste products being left on site in any
11 capacity and that the soil and water influenced by
12 Pointed Mountain activities must meet a reasonable and
13 demonstrably effective guideline for the protection of
14 soil, water, and the environment.

15 Where those guidelines don't exist, we
16 expect the Applicant to work with Acho Dene Koe First
17 Nation, GNWT, and other relevant parties to identify a
18 reasonable site-specific criteria that will ensure no
19 risk is posed to -- to humans, plants, animals, or the
20 general environment. Next slide, please.

21

22 (BRIEF PAUSE)

23

24 MR. MARK MACDOUGALL: Ultimately, this
25 brings us to, you know, our -- our primary concern

1 with what the Applicant has proposed, which is
2 presented basically in the -- the Waste Management
3 Plan, but really pieces of it and fragments of it are
4 sort of scattered throughout the application, which is
5 the storage of somewhere in the neighborhood of 51,000
6 cubic meters.

7 You know, I think that number is still
8 in need of some refinement, but those waste materials
9 are currently contaminated soils. Those soils do not
10 -- do not meet applicable guidelines for the
11 protection of the environment.

12 And with that, no meaningful
13 information is really provided about the design of the
14 landfill, ss we -- we note, the information provided
15 in the Waste Management Plan really speaks to only a
16 conceptual plan for the landfill, and that, you know,
17 very little information is -- is contemplated about
18 how the Applicant has approached citing -- citing
19 decisions aside from they want to put it where the
20 plant site was.

21 We -- we still lack information on
22 where it is -- what -- what is the information that is
23 being used to -- to inform those decisions.

24 We'll also note that no meaningful
25 information is provided about the lifespan of the

1 facility. What sort of long-term monitoring would be
2 appropriate? What are the end-of-life conditions for
3 this facility?

4 Frankly, it's -- it's not acceptable to
5 Acho Dene Koe First Nation, this approach. Acho Dene
6 Koe First Nation relies on meaningful information to
7 be presented to understand the potential impacts of
8 licensing approval and -- and what those impacts may
9 be on Acho Dene Koe First Nation's rights and
10 interests.

11 The absence of this information means
12 that we are potentially enabling a project that may
13 cause harm in a -- in a manner that is yet unforeseen
14 and also place burden on future generations. Next
15 slide, please.

16 I won't dwell too long on -- on our --
17 our recommendations here. In part, we have presented
18 some recommendations to -- to clarify the information
19 gaps that have been presented, but we'll -- we'll
20 fully admit they are not the full extent of
21 recommendations or terms and conditions that we expect
22 a licence -- eventual licence, whatever that may be,
23 to entail. So yeah, I'll just -- I'll just pass on --
24 on to the next slide, please.

25 One of the aspects that I think we're

1 still trying to wrap our heads around is: What does
2 effluent control look like for -- for this site if a
3 landfill were to be developed, as well as, you know,
4 the management of contact water for -- for other
5 aspects of the Pointed Mountain site.

6 We note in -- in the Waste Management
7 Plan, the generalized landfill shows a leachate
8 collection system. However, again, we're still trying
9 to gain true insights into how -- how the -- how the
10 Proponent has -- has quantified potential volumes and
11 really what the -- the end fate is for -- for that
12 effluent once it's -- sorry, not effluent, but
13 leachate, once it's captured.

14

15 (BRIEF PAUSE)

16

17 MR. MARK MACDOUGALL: Yeah. I'll --
18 I'll skip onto the next -- net page here.

19 I think beyond the approach to deal
20 with the -- the soil contamination, we remain greatly
21 concerned about the state of the current environment
22 which does include a significant groundwater plume.
23 At this time, I think the lack of information
24 regarding the delineation of that plume and -- and
25 also some of the forward-looking monitoring steps,

1 speaking to -- to monitoring the groundwater plume is
2 -- is concerning as part of this application.

3 And as we begin to unravel what next
4 steps look like, these are some of the elements that
5 we need clarity on in terms of timing for plans,
6 planning substance, and -- and such like.

7 So ultimately, we recognize that the
8 water issue is somewhat different than the
9 determination that's going to be made as to what the
10 best fate for contaminated soils is -- is going to be.

11 So Acho Dene Koe First Nation requests
12 that the Applicant submit a robust Monitoring and
13 Reclamation Plan to address the extensive effects of
14 current groundwater contamination plumes, which would
15 be an expected component of -- of the future Closure
16 and Reclamation Plan. Next slide, please.

17 We've already discussed the importance
18 of the Closure and Reclamation Plan for -- for
19 defining the scope of this license. However, you
20 know, I want to draw attention back to sort of the
21 contradictory position that's been presented by the
22 Applicant first in making the point that the interim
23 Closure and Reclamation Plan, even as a concept, could
24 not be prepared before the licensing decision, yet
25 later made a motion to the Board to -- to submit

1 interim plan and adjust the -- the timelines
2 accordingly.

3 This contradiction is concerning as the
4 Applicant appears to be not the most forthcoming in
5 terms of the information. And, you know, we generally
6 feel like this is critical to what we're evaluating to
7 understand what it is that we're trying to achieve and
8 how we're going to get there.

9 Ultimately, by not having a Closure and
10 Reclamation Plan provided prior to the review of the
11 licensing decision, we're basing decisions on
12 speculative information and potential effects and
13 impacts of activities that -- that may have been
14 described by that plan.

15 So, a plan not being reviewed until
16 after the licence approval may prevent this project
17 from appropriately being secured, licensing conditions
18 to be appropriately set, and ultimately may prevent
19 abandonment and reclamation from advancing in a timely
20 manner if -- if there -- if we can't reach agreement
21 on -- on that Closure and Reclamation Plan. Next
22 slide, please.

23 I won't dwell too long on the potential
24 impacts to Aboriginal and treaty rights. Certainly,
25 Acho Dene Koe First Nation holds both Aboriginal and

1 Treaty 11 rights as defined by Section 35 of the
2 Constitution Act.

3 As a result, the decision which is
4 before the Board will impact how rights can be
5 exercised now and into the future. All -- all
6 decisions made by the Board, including the ultimate
7 sign-off from the Minister, must contemplate the
8 potential impact on Aboriginal and treaty rights and
9 the Crown's efforts to fulfill their duties of
10 consultation and accommodation.

11 The project before the Board is one
12 that holds potential to improve lands and waters
13 around Pointed Mountain. And, you know, we -- we're
14 not going to -- we're not going to deny that. I think
15 that is the ultimate goal of everyone in this room.

16 However, it's essential to contemplate
17 the methods of how we achieve this and how -- sorry --
18 and work to ensure that we are not making decisions to
19 unnecessarily impair rights into the future. Next
20 slide, please.

21 Again, I won't dwell too long on the
22 potential impacts to Acho Dene Koe First Nation's
23 settlement agreements, largely because that --
24 negotiations regarding that agreement are far outside
25 the -- the scope of what we're -- we're discussing

1 here.

2 However, one of the -- one of the
3 elements that is important and relevant to our
4 proceedings here is that, through these negotiations,
5 Acho Dene Koe would be acquiring lands as part of the
6 settlement work.

7 And it is -- it is Acho Dene Koe's
8 intention to make those lands as consolidated as
9 possible, so minimizing, you know, holes in -- holes
10 in the map for -- for lack of better wording that --
11 that need to be removed from land selection as a
12 result of third party interests and -- and, you know,
13 potential contaminated sites.

14 So, in contemplating what is before us
15 now, we need to make sure that we're not biasing those
16 negotiations, and we're also not making decisions to
17 devalue some of those lands including the surface and
18 subsurface rights for the areas around Pointed
19 Mountain for a future in which, you know, ADK could --
20 could foreseeable -- foreseeably take -- take those
21 lands as part of -- of the settlement agreement. Next
22 slide, please.

23 Something that I'm -- I'm anticipating
24 we're going to have probably lots of questions and
25 lots of discussion about is the recommended license

1 duration. So certainly, we know the Applicant has
2 requested a twenty-five (2) year water license.
3 However, we haven't seen sufficient justification for
4 why that water license is necessary.

5 From our position, we've proposed a
6 twelve (12) year water license, and to provide the
7 context of why we've approached -- why -- why we chose
8 that number, this -- this site has largely sat dormant
9 since the early 2000s. And obviously that site wasn't
10 coming back online anytime soon.

11 So, we've -- we've seen this site sit
12 for the better part of twenty-five (25) years with
13 only incremental effort to -- to advance closure and
14 reclamation.

15 I don't want this site to sit for
16 another twenty-five (25) years before we're in the
17 process of beginning closure and reclamation. So in -
18 - in providing these numbers, I wouldn't focus too
19 much on, you know, the twelve (12) year number, but
20 rather what that represents, which is our interest to
21 advance closure and reclamation -- meaningful closure
22 and reclamation in a -- in a fairly expedient manner
23 recognizing that there is still work to do if there is
24 significant knowledge gaps that must be addressed.
25 And -- and we recognize that.

1 But we want -- we want a -- a licence
2 tenure that has a plan for advancing abandonment and -
3 - and reclamation efforts. Next slide, please.

4 One of the -- one of the challenges
5 that I've noted previously is there's miscommunication
6 and -- and, frankly, lack of communication about where
7 it is we are headed with -- with -- with the end goals
8 of -- of -- of the proposed abandonment and
9 reclamation activities.

10 It's important for us to -- to have
11 meaningful dialogue about what is possible and what we
12 want the end goals to be. We need to know what the
13 finish line looks like. And Acho Dene Koe First
14 Nation believes strongly that we need to be part of
15 that conversation for shaping what does -- what does
16 end state look like.

17 And so, in advancing plans to this
18 point and -- and continuing on, it is very much our
19 expectation to be actively involved and have
20 meaningful dialogue about where it is we are going and
21 how we're getting there.

22 So, I very much encourage -- encourage
23 the Applicant, as well as the other parties around
24 this table to -- to continue to come together and --
25 and have meaningful dialogue and -- and engage

1 meaningfully about -- about, you know, this important
2 issue to -- to our community. Next slide, please.

3 I won't dwell too -- yeah, I won't say
4 too much on -- on this slide 'cause I think it was
5 more or less summed up on the previous one.

6 Very much so we -- we have some, you
7 know, fairly diametrically opposed views on what is --
8 what is the goal? What are we trying to achieve? And
9 through our conversations today and the continuing
10 conversations, I just want to reaffirm our -- our
11 intentions to -- to develop alignment in -- in the
12 approach and the end goals. And -- and work with the
13 parties around the table and perhaps others to -- to
14 advance that conversation.

15 But to get there, we need to -- we need
16 to address the -- the knowledge gaps and we need to
17 have meaningful conversations about what does end
18 state look like that reflects Acho Dene Koe First
19 Nations' rights and values. Next slide, please.

20 So, to bring this presentation to a
21 close, I wanted to remind the Board of, you know, the
22 source of our concerns with what is being proposed,
23 which is that -- that landfill aspect.

24 To do this, I -- I want to quote, Sonny
25 Martin Nelson (phonetic) the -- the Water Resources

1 Officer for the Government of Northwest Territories,
2 who's the inspector that highlighted violations of
3 Section 4 of the Waters Act Regulations following the
4 observance of release of chloride to the environment
5 from Paramount's surge pond back in 2018.

6 In this letter, the Water Resources
7 Officer noted that the perpetuity of risk that exists
8 from chloride remaining in the environment.

9 So, it -- from that letter includes
10 that only the source of chloride -- sorry, the only
11 source of chloride in the area is from that surge pond
12 and it never exists in its free form in the
13 environment, because of this, the surge pond is
14 causing significant adverse environmental effects down
15 gradient.

16 Chloride is toxic to aquatic life. Down
17 gradient there's Fisherman Lake, which the community
18 uses for various activities such as fishing.

19 Chloride also affects vegetation and
20 wildlife. Larger trees down gradient of the surge
21 pond are dead and the spread of them is visible from
22 the air. There's no natural process by which
23 chlorides are break -- broken down, metabolized, taken
24 up or removed from the environment, which means it
25 remains there until cleaned up.

1 Paramount provided -- failing to --
2 sorry, Paramount, though failing to provide through --
3 sorry, got a spelling typo in my notes here --
4 Paramount through failing to provide details have
5 proposed a plan that would store contaminated soil in
6 the landfill at Pointed Mountain. This landfill is
7 only designed to contain contaminants, not remove
8 them.

9 As a result, leachate from the landfill
10 presents a risk to Acho Dene Koe First Nation, and the
11 soils themselves continue to present less -- a -- a
12 risk in the event of failure of that landfill.

13 The continued presence of contaminated
14 soil presents a risk to Acho Dene Koe First Nation,
15 Pointed Mountain and Fisherman Lake. The consequences
16 of failure to day-to-day life in Acho Dene Koe First
17 Nation are steep and by simply placing contaminants in
18 the landfill to be stored in perpetuity at Pointed
19 Mountain, faces -- places an unfair burden on future
20 generations. I'll get you to move to my last slide
21 there.

22 So, in -- in closing and -- and in
23 consideration of the Applicant's approach, we'd like
24 to -- like the Board to consider the relevance of
25 Article 29 of the United Nations Declarations on the

1 Rights of Indigenous peoples and its application to
2 the Board's activities as directed by the Government
3 of the Northwest -- sorry, the Northwest Territories
4 United Nations Declaration on the Rights of Indigenous
5 Peoples Implementation Act and the Federal United
6 Nations Declaration Act.

7 Article 29, Item 2, states -- states:

8 "...shall take effective measures to
9 ensure that no storage or disposal of
10 hazardous materials shall take place in
11 the lands or territories of Indigenous
12 peoples without their free, prior and
13 informed consent."

14 This presents in unambiguous terms the
15 role of the Crown which includes the Government of the
16 Northwest Territories and the Mackenzie Valley Land
17 and Water Board to work to achieve consent prior to
18 authorizing storage of hazardous waste material.

19 In the photo that I have on the screen
20 there, is a -- a slide from a Water Guardians Training
21 Workshop that we held last June, here in the
22 community. Here we see Jake, (phonetic) Javin
23 (phonetic), Joseph (phonetic) and Les (phonetic)
24 collecting and analyzing samples of water from the
25 Liard River.

1 I wanted to show this photo as it's
2 emblematic of the transitioning that's happen --
3 transition that's happening in the community.

4 For years, the best jobs were working
5 in oil and gas, developing and servicing wells and
6 infrastructure. Now, the economic engine of the
7 community is abandonment and reclamation.

8 Every day the community -- community is
9 taking steps to diversify that economy. So, the best
10 jobs for this generation, as you see on the -- on the
11 screen there, will be in environmental monitoring,
12 sustainable development, ecotourism, as -- as -- as
13 Chief highlighted.

14 To realize that future, it's essential
15 that we make smart decisions about -- smart decisions
16 today to restore the land to where it has been --
17 where it has been before it was disturbed to offer
18 potential future generations to make decisions about
19 how to -- use the land in the future.

20 Madam Chair, thank you for your time.
21 Thank you, everyone, for your time. Again, we
22 appreciate the accommodation to the -- the Agenda.
23 Thank you very much.

24 THE CHAIRPERSON: Tanya MacIntosh,
25 Chair. Thank you to ADKFN and Chief Eugene Hope. I

1 appreciate your opening comments for the presentation.

2 We will be, again, taking a break for
3 supper. So, the time is six o'clock. I'd like to
4 pause the Public Hearing for the dinner break and
5 remind everybody that we'll be starting the Hearing
6 again at 7:30.

7 Again, we'll be reserving the evening
8 session from 7:30 to, potentially, nine o'clock,
9 depending on how many people show up for members of
10 the public. Please arrive on time to get settled in
11 so that we can keep on schedule.

12 When we resume tomorrow morning, we
13 will -- we will resume with the questioning from
14 Interveners for the Paramount presentation and then
15 we'll go to questioning for the ADKFN presentation, so
16 -- so that you have the expectation of what we're
17 doing next. Please have an excellent evening meal and
18 we'll see you all at 7:30. Mahsi cho.

19

20 --- Upon recessing at 5:58 p.m.

21 --- Upon resuming at 7:31 p.m.

22

23 THE CHAIRPERSON: Tanya MacIntosh,
24 Chair of the Mackenzie Valley Land and Water Board.
25 I'd like to call the meeting back to order. Good

1 evening, everyone.

2 I would like to begin by welcoming all
3 the participants to the continuation of this
4 proceeding. My name is Tanya MacIntosh. And I am the
5 Chair of the Mackenzie Valley Land and Water Board and
6 this proceeding.

7 We are scheduled to sit approximately
8 until 9:00 p.m., depending on how many people are
9 going to participate tonight, and then after which we
10 will break until tomorrow morning.

11 There had been a question posed to me
12 as to whether or not we'd be able to resume the public
13 Hearing portion, and, unfortunately, for tonight we
14 will not. But we will make accommodations tomorrow
15 with shorter breaks, a shorter lunch hour to make sure
16 that in our timeline that we can get everything done
17 and accounted for in our agenda.

18 As mentioned at the outset of the
19 Hearing, we are now going to hear presentations from
20 members of the public who have signed in to address
21 the Board.

22 We will start by going through the list
23 of speakers in the order that they have identified
24 themselves on the sign-in sheet or to Board staff.
25 Each speaker -- each speaker will be given about ten

1 (10) minutes to speak and address the Board in order
2 to hear from everyone on the list.

3 I would like to start now with the
4 first person that signed up on the list. And
5 unfortunately, I will have to ask that member of the
6 public to identify themselves because I cannot read
7 the writing on here.

8 So, I believe it starts with the -- the
9 last name may start with an 'M', maybe a McNeil
10 (phonetic). I'm not sure. But if you were the first
11 to sign the sign-in sheet as a member of the public,
12 it is your opportunity now to come forward and to
13 speak.

14 And we have two (2) speakers over here
15 -- two (2) microphones, sorry, that are available for
16 members of the public to sit. And we need you to use
17 the microphones because this session is being
18 recorded. And we have a transcriber who is in
19 Yellowknife who is recording this for us so that we
20 can add it to our evidence.

21 So, may I have the member of the public
22 that please signed in very first on the list come
23 forward, please. Okay. We'll have to circle back to
24 that person. Is Skylar Hardesty (phonetic) here?
25 Okay, zero for two (2).

1 I see Frankie Klondike (phonetic).
2 Frankie Klondike, please come forward and sit at the
3 table here with the microphone. And it is your
4 opportunity now to present -- to have your moment to
5 speak.

6 And I'll let you know when the time has
7 sort have -- has gone past the ten (10) minutes. And
8 then we can look at and see if you need more to add.
9 Please go ahead. And thank you for joining us.
10 Mahsi.

11 MR. FRANKIE KLONDIKE: Hello. My
12 name's Frankie Klondike. I signed my name because you
13 guys going to bury that contaminated soil. It's not
14 right, so that's why I don't like it. So, I want to
15 talk about that one because Amoco, they usually stay
16 there. They -- they buried everything around there,
17 the airport, oh, the well.

18 I remember where they buried the stuff
19 around there because I grew up there. I grew up
20 around the Fish Lake since I was born. I was born in
21 Port Liard. And we got no house here. We got no
22 cabins. We got no house in town.

23 So, my parents, they brought us back to
24 Fish Lake because we grew up there. And the Amoco,
25 they stayed there. And so, there used to be -- Amoco,

1 they built all the stuff around the lake, all the oil,
2 everything.

3 Now, you guys are going to bury that
4 contaminate again. So, that's not right. So,
5 everything, all that's there, contaminate whatever is
6 there. If they take it out, it will be okay. But if
7 they're going to bury again, why are they going to
8 hide that -- contaminate that soil again? That is
9 just not right.

10 So, that's why we don't like it. So,
11 nobody -- my -- I talked to my dad. My dad said you
12 were right, so -- because my dad -- everybody grew up
13 around that lake. So, now they're all gone. They all
14 died by cancer, every one of them. All my uncles, my
15 auntie, every -- every one of them around the lake
16 now, they're all gone. Now, it's only all the
17 families, just we all -- growing up, that's how we --
18 around there now.

19 So, we never let that Fisherman Lake go
20 with nothing. So, if they clean it, it'll be good.
21 That contaminate whatever they did, that soil, if they
22 take it out of there, it will be good. So, that's how
23 we want. So, if they're going to bury it, why they
24 going to bury it like Amoco, what they did before?
25 So, same thing. That's what they -- they try and hide

1 it again. So, that's not right.

2 So, that's all. I talked to my dad. I
3 talked to my uncle, one (1) of my cousins, and they
4 said -- said that's right, so that's how we want to
5 talk about it. So, that's all I -- so, I don't know.
6 That's all I got. Okay.

7 THE CHAIRPERSON: Tanya MacIntosh,
8 Chair. Mr. Klondike, do you have any questions for
9 Paramount or any of the Interveners that are here,
10 which is GNWT-ECC, or Environment Canada and Climate
11 Change, or the Mackenzie Valley Land and Water Board
12 staff?

13 MR. FRANKIE KLONDIKE: Okay. I never
14 went to the meeting. That kind of stops us. Just so
15 you know, I just thought that's all I wanted. If they
16 do that, it will be all good for us.

17 So, I know, but that's where our food
18 come from when we were growing up. The fish, all the
19 beaver that -- all the beaver and everything, we hunt
20 around the creek there because that's where Amoco camp
21 there. All the creek around there, that's where our
22 hunting area. That's our food.

23 So, if they buried all the stuff, the
24 contamination, in the future, we don't know what's
25 going to happen. So -- so, that's how we -- we don't

1 -- we don't like it, though. So, yeah, that's all.

2 Yeah.

3 THE CHAIRPERSON: Tanya MacIntosh,
4 Chair of the Mackenzie Valley Land and Water Board.

5 Mr. Klondike, would you be comfortable
6 for me to ask the members here that are around the
7 table if they have any questions for you?

8 MR. FRANKIE KLONDIKE: Yeah. Okay,
9 that'd be okay. But I never went to school that --
10 that long, so -- because we got no house around here.
11 We got no house here, so we got no place to stay. So,
12 that's where we grew up. So, I never went to school
13 that long, so -- so I still can talk a little bit, but
14 some words, I can't hear -- know what you guy's
15 saying, but -- but probably somebody will told me
16 what's going on later probably, but, yeah. Okay.

17 THE CHAIRPERSON: Tanya MacIntosh,
18 Chair of the Mackenzie Valley Land and Water -- Water
19 Board -- Land and Water Board. Words are hard for me,
20 too.

21 Mr. Klondike, I really appreciate you
22 coming and sharing your -- your viewpoints and your
23 passion. I would like to open it up to the
24 Interveners at this moment to see if they have any
25 questions for Mr. Klondike.

1 GNWT...? Acho Dene Koe...? I don't
2 know if ECCC is online at all. I can't --

3 MR. MITCHELL JOHNSON (by ZOOM): Yeah.
4 Mitchell Johnson here, with ECCC. I don't believe we
5 have any questions this time. Just checking with our
6 water quality analyst, but I think we're good. Thank
7 you.

8 THE CHAIRPERSON: Thank you. And
9 Paramount, do you have any questions for Mr. Klondike?
10 Thank you.

11 Do Board staff, our technical advisors,
12 or legal have any questions for Mr. Klondike?

13 Do the Board members have any questions
14 for Mr. Klondike?

15 Mr. Klondike, I thank you again from my
16 heart to yours for coming here and sharing your --
17 your time with us and -- and allowing us to hear your
18 perspective.

19 Everybody is welcome to the table and
20 everybody has something to offer, so mahsi cho.

21 MR. FRANKIE KLONDIKE: Yeah, mahsi.
22 Thank you.

23 THE CHAIRPERSON: I would like to ask
24 -- these -- these are a little hard to read --
25 somebody with the first name 'C', and then last name

1 Burnette (phonetic) maybe that signed up after Mr.
2 Klondike. Okay. I'll just keep moving on.

3 And for any members of the public that
4 have not signed this and still want to talk, you still
5 have the opportunity. I will just go through the list
6 first. Is Larry Bertrand here? Larry Bertrand,
7 please come to the microphone. There's three (3)
8 available for you. I'll get you to introduce
9 yourself, and then please present. Mahsi cho.

10 MR. LARRY BERTRAND: Hi. My name's
11 Larry Bertrand (phonetic). I'm from Fort Liard, GNWT.
12 I just wanted to put on notice that for Paramount
13 Resources, for the cleanup, I just wanted to, like,
14 say that I used to work for Amoco back in the day.

15 And then -- but before I left, like,
16 finished the job, like, they were shutting down. And
17 I seen, like, there's some -- like, I don't know.
18 It's contaminated or, like, there's, like, junks pipe,
19 steel, whatever, was being buried in the area. But I
20 just wanted to, like, point that out.

21 Like, it's in the -- the northeast
22 corner of the plant site. That's just for, like,
23 cleaning purposes, if -- if you need to know where,
24 like, it could be contaminated. I'm not sure, but...
25 That's all.

1 THE CHAIRPERSON: Mahsi cho, Mr.
2 Bertrand. Would you feel comfortable -- first of all,
3 do you have any questions for the Proponent,
4 Paramount, that you would like to ask? That was it.
5 Okay.

6 And no further questions for any of the
7 other members around the table. Would you feel
8 comfortable if they have questions for you? Okay. I
9 will start with the Intervenors then.

10 ADKFN...? Okay. GNWT-ECC...? All
11 right. And ECCC online, do you have any questions?

12 MR. MITCHELL JOHNSON (by ZOOM):
13 Mitchell Johnson, ECCC. No, we don't have any
14 questions. Thank you for sharing your thoughts,
15 though.

16 THE CHAIRPERSON: I'd like to take the
17 opportunity to ask Board staff, our technical
18 advisors, and legal counsel if they have any
19 questions. Sorry, did I ask Paramount? I -- I'm so
20 sorry, Paramount. Please go.

21 MR. TERENCE HUGHES: Terence Hughes,
22 Paramount Resources. I -- I don't have any questions.
23 But I -- I did want to say to Mr. Bertrand we did --
24 you know, we've done a number of site investigations
25 at the plant site and we plan on doing more.

1 And I'm here today and wrote down, you
2 know, that you pointed out the northeast section of
3 the plant site for where things may have been buried
4 by the past operator.

5 And the person who's in charge of the
6 remediation is online today, Ian, and he'll -- marked
7 it down. So, we appreciate you coming forward today
8 and sharing information with us in this -- at this
9 session. Thank you.

10 THE CHAIRPERSON: Not so fast. Tanya
11 MacIntosh, Chair of the Mackenzie Valley Land and
12 Water Board. I'd just like to again -- so our Board
13 staff and everybody was good. Any Board members have
14 any questions. All right.

15 I want to thank you again, Mr.
16 Bertrand, for sharing your time, sharing your voice,
17 and allowing us to hear your perspective. Mahsi cho.
18 Thank you for offering everything.

19 Tanya MacIntosh, Chair. I would like
20 to ask Steven Steves to please come up to the
21 microphone. I ask that you please identify yourself,
22 and then offer your words. Mahsi cho.

23 MR. STEVEN STEEVES: Thank you. My
24 name is Steven Steves (phonetic). I'm the lead
25 negotiator for our land claims for Acho Dene Koe.

1 Like Larry said, I've worked at Amoco, too, many
2 years, and I know where all the contaminated sites
3 are, where all the, you know, 12 feet deep of
4 contaminated bags and stuff like that.

5 And that site over by the airstrip that
6 I dug out and sampled it was -- I had to wear a mask
7 while I did it because it's so contaminated. It's
8 pretty disgusting. That's how -- I'm sorry Paramount
9 is the one that has to deal with this because it was
10 Amoco that did it, but they've inherited this.

11 It would be unreasonable that -- I
12 don't even know why we're having this meeting because
13 our chief has spoken and we stand behind our chief.
14 Some people may not like him, but he speaks the truth.

15 It's really disgusting that we are
16 having -- even with everyone here with their backs
17 against, I've never been able to listen to anyone with
18 -- look -- looking at their backs, so I'm pretty --
19 pretty upset.

20 And I'm upset that the people of Fort
21 Liard aren't here. A lot of them don't know this is
22 going on. They just come back from Fisherman Lake at
23 a fishing derby and people have got their lives going
24 on. They're trying to stay out on the land as much as
25 they can until breakup. This is a really bad timing

1 for Fort Liard. That's probably why there's no one
2 here.

3 It's just I'm pretty upset with the
4 whole situation. I had to work all day today, so I
5 couldn't be here to listen to see what all was said on
6 our behalf because Mackenzie Valley Water Board, you
7 guys decide what we do. And there's lots of things
8 we'd like to do, but you guys don't allow us to.

9 You know, there's a contaminated site
10 of P-66. There's -- they're going to be cleaning that
11 up next year I heard. There's lots of sites that are
12 -- you guys are way behind on the ball on it. It
13 should have been cleaned up years ago.

14 And with a land claim going on this,
15 it's -- you know, the land is kind of like our -- like
16 our bank, and it's a pretty disgusting bank over
17 there. It's appalling that -- I worked there. I know
18 what -- what happened. I know the mentality back
19 then. It came from the ground, put it back in the
20 ground, you know, solution to pollution is dilution
21 and -- and all this gross stuff that's happened over
22 there.

23 I feel that it's very necessary. It
24 needs to be cleaned up. And if it takes a whole group
25 of people like you all to decide yay or nay on it,

1 that's -- that's even more disgusting because the
2 stuff there is really gross; it's really bad.

3 That pit there, I had to wear a face --
4 like, I had to wear a mask and run an excavator. And
5 I -- like, that probably took ten (10) years off my
6 life. And I just don't believe that this should be
7 happening. It should just -- it's -- it's a well-
8 known thing. It needs to be cleaned. Like, it's
9 contaminating the -- the area, that world.

10 There's three (3) lakes here. There's
11 Maxhamish, Bovie Lake, and Fisherman Lake. We were --
12 we've been really poor people our whole lives. And if
13 nobody was hunting, everyone went to the -- to the
14 lakes, and that's what -- how we survived this many,
15 many years, hundreds of years, because of these lakes.
16 Fisherman Lake is very important to the people.

17 And for all of you to decide yay or nay
18 on our behalf, I feel that our chief has already
19 probably spoke to you all today. I have no idea. But
20 I'm quite sure he was pretty adamant of getting this
21 stuff cleaned up because it's -- it's poison.

22 And I don't understand why we're even
23 here talking about this. It should be already like,
24 Yeah, let's get her done, doesn't -- doesn't matter
25 what it costs. If it costs you millions of dollars,

1 it costs millions of dollars.

2 That -- those plants when they ran,
3 they produced enough natural gas for the entire --
4 almost all of BC for years, since the '70s, the '80s,
5 the '90s. Everyone made money off it, and the only
6 people that didn't was us, and we're the ones getting
7 poisoned.

8 And like my cousin, Frankie, there
9 said, all his family's died of cancer. Well, you know
10 what? Oh, we do samples. Oh yeah. We do samples.
11 Why don't you sample down on the bottom where the
12 mercury is and stuff that the fish eat because every
13 lake in the Northwest Territories has mercury? That
14 one specifically has more than just mercury in there.

15 So, come on, you guys, it's common
16 sense. Let's clean it up. And I don't have no
17 problems answering any questions. Thank you.

18 THE CHAIRPERSON: Tanya MacIntosh.
19 Chair of the Mackenzie Valley Land and Water Board.
20 Thank you, Mr. Steeves. I very much appreciate your
21 perspective and I understand where you're coming from.

22 At this time, I would just like to ask
23 if you have any questions that you want to ask
24 directly to any of -- any of the people sitting around
25 the table.

1 And I do want to apologize for the way
2 it is set up. We were here late. Our plane was
3 turned around today, so we took two (2) attempts to
4 come here today.

5 And just so you know, we have done
6 great efforts to advertise within the community, to
7 speak to Chief Eugene Hope and allow the information
8 about this public Hearing to be known to the
9 community, and we've done that on multiple -- multiple
10 times.

11 So, the opportunity to have the public
12 Hearing here was a great effort, and it was so worth
13 it. I didn't want to have it in Yellowknife. I felt
14 that that was inappropriate and it would reduce the
15 amount of opportunity for members of the public like
16 yourself who have a lot to offer and to inform us.

17 So, I just want you to know that, you
18 know, we -- we really did try to do this in the right
19 way. And I'm -- I'm very proud of us for -- for being
20 able to get here today.

21 I'd like to open it up to questions,
22 first of all, from the Interveners to see if they have
23 any questions for Mr. Steeves. So, I'll start with
24 ADKFN. Thank you. GNWT...? ECCC...?

25 MR. MITCHELL JOHNSON (by ZOOM):

1 Mitchell Johnson, ECCC. No questions right now, but
2 thank you for sharing your perspective.

3 THE CHAIRPERSON: Paramount...? Board
4 staff, technical advisors, or legal Counsel...? And
5 Board members...? Okay. We have no questions for
6 you.

7 But again, I want to emphasize that I'm
8 very proud of the fact that you came to share your
9 voice. And I was hoping that more people would come
10 to share their opinions and perspectives and help us
11 learn and build our evidence for this case.

12 So, I thank you again, Mr. Steeves. Do
13 you have any final words that you would like to offer?

14 MR. STEVEN STEEVES: Thank you for
15 listening to me. And sorry you don't have any
16 questions for me because I'd be able to answer quite a
17 bit of them, but whatever. That's how I feel. You
18 guys feel the same about us, so whatever. We -- we
19 feel the same about you guys.

20 No one really cares what you guys do
21 here. You're making a decision on our behalf, and no
22 one cares. That's why they're not here. You're going
23 to do what you're going to do anyways. And I'm sorry,
24 Paramount, that you guys are the ones dealing with
25 this mess. It wasn't you guys that made it, but

1 you're going to clean it up because you -- you do own
2 it now. And that's all I got to say. Sorry.

3 And I wish I was here more -- longer
4 because I don't know any of you guys, and I'd like to
5 meet you all. But I'm not used to having meetings
6 like this where I can talk for ten (10) minutes and
7 not be asked a question or anything and any input
8 whatsoever, so my opinion doesn't matter. Thank you.

9 THE CHAIRPERSON: We appreciate your
10 time. Tanya MacIntosh, Chair of the Mackenzie Valley
11 Land and Water Board. And just to follow up, we did
12 have the opportunity to have Chief Eugene Hope speak
13 twice today, and we're very grateful for that
14 opportunity.

15 I'm going to circle back to the first
16 names that were on this list. The first one that I
17 couldn't really read, and that I think is McNeil
18 possibly, but it looks like a 'C' for the first name
19 and an 'M' for the last name. If that individual is
20 here, it is your opportunity to come and speak. I
21 don't see anybody.

22 So, then I'm just wondering if Skyla
23 Hardesty is online or in -- I don't see. That was the
24 extent of the people that signed up.

25 But again, I'd like to offer this

1 opportunity for any members of the public that have
2 just walked in and would like to come and share their
3 voice. This is your time. And we are more than happy
4 to accommodate you.

5 So, I saw that a couple people have
6 walked in and possibly haven't signed up on the list.
7 Would you like the opportunity to come and speak?
8 Please come forward. Identify yourself. And there's
9 three (3) microphones to choose from.

10 MR. JAMES DUNTRA: Hello. Oh, okay.
11 Well, thanks. Good to see you guys come in. And my
12 name is James Duntra, from Fort Liard. I was born
13 here. And I do have a cabin in Fisherman Lake. And
14 it's very interesting to hear how this whole thing
15 will come out.

16 And we haven't had any, like -- like,
17 public meeting or anything back then since, so this is
18 something, like -- like, I'm very interested to hear
19 how, like, Fisherman Lake will -- contaminated will
20 play out and how it's -- it's going to be cleaned out.

21 I know, like -- is this your guys'
22 first meeting here? Like, is this your first meeting?

23 THE CHAIRPERSON: Tanya MacIntosh,
24 Chair of the Mackenzie Valley Land and Water Board.

25 This I believe is the first public

1 Hearing in a long time, and maybe the first for the
2 Mackenzie Valley Land and Water Board coming to Fort
3 Liard, so I think that is yes.

4 MR. JAMES DUNTRA: Are you guys going
5 to kind of monitor it, and then follow it up, maybe
6 come back in next year or sometimes when -- how it's -
7 - how it is with the contamination?

8 And maybe I do have a question after --
9 later on after -- when I hear where you guys will go
10 and how things will go, but now I have no idea. Like,
11 all I seen is on that poster that there's going to be
12 a cleanup there or those things.

13 So, maybe I'll do half a question maybe
14 later on after, when it's -- when it's -- you guys are
15 done -- close to the done or something.

16 THE CHAIRPERSON: Tanya MacIntosh,
17 Chair of the Mackenzie Valley Land and Water Board.

18 During the public Hearing, which is
19 what is happening today and tomorrow, this is the
20 opportunity for our Board staff and our Board members
21 to gather evidence.

22 So, we are right now in the evidence
23 gathering process. And that will help us decide on
24 the best move forward for how to do the water
25 licensing and land use permitting. So, at this time,

1 we are looking for input from -- from the Proponent,
2 from the Interveners, which is GNWT and Environment
3 Canada Climate Change, and as well as ADKFN.

4 And we have made opportunity this
5 evening for members of the public to come and give us
6 evidence. And earlier tonight, you know, we heard
7 from Larry Bertrand, and he spoke of buried materials.
8 And so, now that was put on the evidence record.

9 And so, what we are doing is gathering
10 evidence. And I -- and, unfortunately, I -- I feel
11 that if you had been able to watch the presentations,
12 that you probably would have some really good
13 questions.

14 And so, if you are available tomorrow,
15 there are more presentations and there will be more
16 conversation where you are allowed to ask questions.
17 We will be starting at nine o'clock in the morning,
18 and we will be finishing at 4:00 in the afternoon.

19 And so, there's opportunity there if
20 you are available to come and listen, and then to
21 offer your questions or offer more evidence as such
22 that Larry Bertrand did with specific information that
23 we can put on our record and add -- add it as
24 evidence.

25 So, at this time, would you feel

1 comfortable with anybody asking any questions of you?

2 MR. JAMES DUNTRA: Those are really
3 good question. And there's another one back there. I
4 don't think nobody really talked about it. But then
5 just as younger days, there was a spill of an acid by
6 an airstrip, and it flowed all the way down close to
7 the creek where they kind of put barricade on it, and
8 it just stayed there. I think most of it, it just
9 kind of sinked in since then.

10 I don't know if anybody are really
11 aware of those, but if anybody wants to know, maybe I
12 could show them where it is.

13 THE CHAIRPERSON: Tanya MacIntosh,
14 Chair of the Mackenzie Valley Land and Water Board.
15 Thank you for that.

16 So, now we have added some evidence
17 from you as well regarding the acid spill by the
18 airstrip and that it was barricaded. And so, when we
19 have that additional evidence, that is something that
20 we can consider.

21 And I'm going to ask the people around
22 the table if they have any questions specifically for
23 you. Is that okay? Okay. I would like to start with
24 the Interveners. ADKFN...?

25 MR. MARK MACDOUGALL: Mark MacDougall,

1 Acho Dene Koe First Nation. Thank you for -- for
2 sharing your thoughts and -- and questions. I think
3 they're quite relevant.

4 I have two (2) -- two (2) small
5 questions for you. One, the incident with the -- the
6 acid by the airstrip, do you recall what year
7 approximately that -- that happened?

8 MR. JAMES DUNTRA: No, it's not
9 really, but it's kind of in my younger days, so it's
10 been quite a while. It was busy there at that time
11 then, but it's all kind of green and it's kind of
12 bubbling up and it's just, you know, melting the --
13 towards the creek. It's just melting on the side of
14 the road.

15 MR. MARK MACDOUGALL: Mark MacDougall,
16 Acho Dene Koe First Nation. Thank you. You raised a
17 couple of questions and -- and thoughts about a need
18 for -- for more information about this project as the
19 cleanup continues to -- to happen.

20 We know that this clean-up's going to
21 take -- it's going to take years to clean it up and --
22 and it's going to be years before the site is finally
23 to a point we can agree is clean.

24 What -- what sort of public meetings --
25 what kind of information would be helpful to you over

1 the -- over the next, you know, coming years as this
2 project happens? What -- what would you like to know
3 and be informed about as -- as this -- this project
4 continues?

5 MR. JAMES DUNTRA: Well, it's -- if we
6 do have one representative from Liard or something
7 that we all -- it's not only me, though, but there's
8 some other cabins out there and back there that --
9 Frank Klondike, that's his -- they have a cabin out
10 there, too.

11 So, there's lots of people that, if we
12 do have something, then we all know what's going on
13 out there because again, when Steven -- Steve brought
14 up something like we're poor, but, you know, it's --
15 it's kind of a little bit true.

16 But then us, again, we're kind of rich
17 with all kind of resources, with fish and all this
18 other stuff, animal and livelihood. Mostly we still
19 do those things today in Fisherman Lake. When the
20 pullouts, you know, like fishing derby, we -- we had
21 those fish and it's all hooked up and it's -- it's
22 like those things. That's what we do.

23 MR. MARK MACDOUGALL: Mark MacDougall,
24 Acho Dene Koe First Nation. No further questions.
25 Thank you.

1 THE CHAIRPERSON: Tanya MacIntosh,
2 Chair of the Mackenzie Valley Land and Water Board.
3 One moment, please.

4

5 (BRIEF PAUSE)

6

7 THE CHAIRPERSON: Tanya MacIntosh,
8 Chair of the Mackenzie Valley Land and Water Board.
9 I'd like to continue questioning if that's okay.

10 I'll ask now GNWT-ECC if they have any
11 questions.

12 MR. RICK WALBOURNE: Thank you, Madam
13 Chair. Rick Walbourne, GNWT. No questions, but just
14 wanted to provide some clarification. There were some
15 questions about monitoring and -- and watching the
16 site.

17 So just for information, part of the
18 licensing and permitting that the Board is doing, part
19 of that conversation is to determine the amount of
20 monitoring, what will be monitored, and how many
21 years. So, part of their authorizations will -- will
22 try to set out and take public feedback on that later
23 with -- with monitoring plans and things of that
24 nature.

25 And just from the GNWT's perspective,

1 we would have an enforcement role as well. So, the --
2 the licence and permit that the Board would issue
3 directing Paramount, we would have inspectors that
4 would visit the site as well to ensure that the
5 conditions set by the Board would be adhered to.

6 So just some general information.
7 There was questions about monitoring, so just to let
8 you know part of this is to try to set up some
9 monitoring frequency and -- and things like that. So,
10 yeah, just wanted to share that for information.

11 Thanks.

12 THE CHAIRPERSON: Tanya MacIntosh,
13 Chair of the Mackenzie Valley Land and Water Board.

14 I will continue with questions from the
15 Interveners, and I would like to ask ECCC if they have
16 any questions.

17 MR. MITCHELL JOHNSON (by ZOOM):
18 Mitchell Johnson, with ECCC. No questions right now,
19 but thank you for sharing everything you have.

20 THE CHAIRPERSON: Tanya MacIntosh,
21 Chair of the Mackenzie Valley Land and Water Board.

22 I'd like to ask the Proponent Paramount
23 if they have any questions.

24 MR. TERENCE HUGHES: Terence Hughes,
25 Paramount. No questions, but, you know, we are -- I

1 think I said it before, but appreciate you bringing
2 forward the acid spill at the airstrip. It's -- we're
3 continuing to investigate the site to see where all
4 the contamination is and where things need to be
5 cleaned up and removed. And we'll -- we'll take that
6 into consideration as we design our further
7 investigation program. So, thank you for sharing your
8 information with us.

9 MR. JAMES DUNTRA: Thank you, guys.
10 Thanks for listening to me.

11 THE CHAIRPERSON: Not -- so we're not
12 done. Just one moment, please. Thank you. Tanya
13 MacIntosh, Chair of the Mackenzie Valley Land and
14 Water Board. I know. We don't want to get rid of
15 you. You've got a lot of good -- good information.

16 I'm just going to open it up to
17 questions from Board staff, our technical advisors,
18 and legal counsel, if they have any questions, okay,
19 and Board members. Oh, yeah. Please go ahead,
20 Camilla.

21 BOARD MEMBER ZOE-CHOCOLATE: Camilla
22 Zoe-Chocolate, Board member. How much cabins are out
23 in Fisherman Lake? And how much was there before, to
24 your memory, like '70s, '80s, '90s to now?

25 MR. JAMES DUNTRA: Well -- well, back

1 then there was lots of people. Like this is before
2 me. You know, like people go over there for mostly
3 fish and those things, not only us, though.

4 But there was -- a missionary was there
5 too and getting fish from out there, going all the way
6 to Fort Providence. And so right now, let -- just let
7 me -- hang on. Ten (10), fifteen (15), twenty (20).

8

9 (BRIEF PAUSE)

10

11 MR. JAMES DUNTRA: So, most of it like
12 it's somewhere around eighteen (18), twenty (20),
13 somewhere around, so it's quite a bit there. People
14 go there for events and fun. Sometime there to go
15 fishing. They put fish net and stuff in it, so.

16 THE CHAIRPERSON: Thank you so much.
17 Tanya MacIntosh, Chair of the Mackenzie Valley Land
18 and Water Board. Thank you so much, James, for
19 sharing your information, your passion, and your
20 perspective.

21 I would ask members of the public that
22 are offering their information to please come to the
23 microphone so that we can get on -- get it on the
24 record. We have a person transcribing it, and they
25 won't be able to hear you from the back. And so, we

1 always want to make sure that any information that's
2 offered is -- is on the microphone so that we can
3 refer to it later as evidence.

4 James, you're off the hot seat, and I
5 really appreciate your time. Mahsi cho.

6 MR. JAMES DUNTRA: Okay. Mahsi cho.

7 THE CHAIRPERSON: Before I go to the -
8 - Tanya MacIntosh, Chair of the McKenzie Valley Land
9 Water Board. Before I go to the members that are
10 online, I see that we have more people that have come
11 in that are here in person.

12 And I'm just wanting to know if any of
13 them are wanting to come to the microphone and offer
14 any words for us. This is your opportunity and we are
15 happy to hear from you. Has -- does anybody want to
16 come forward before I go to the people that are
17 online? I heard a big dowdy (phonetic). Okay.

18 I'm going to move to the people online,
19 and if you guys change your mind, I'll come back and
20 ask you again.

21 At this time, we have two (2) people
22 that are online, and I'd like to ask the person that
23 has the phone number that ends with the last number is
24 812 if they are ready to talk and present to the
25 Board. And if you are, I'd ask that you please

1 identify yourself. Please tell us your name and then
2 please offer us your words. Mahsi.

3

4 (BRIEF PAUSE)

5

6 THE CHAIRPERSON: Tanya MacIntosh,
7 chair. Okay. I'll try that again. I'll try the
8 other number and see if they are feeling comfortable
9 to offer words.

10 So, the phone number that is online
11 that ends with the phone number -- the last three
12 digits 9788, if you would like to offer some words, I
13 ask that you please take yourself off mute, identify
14 yourself with your name, and then offer your words if
15 you're comfortable.

16

17 (BRIEF PAUSE)

18

19 MR. ROY BERTRAND (by ZOOM): Hello?
20 Yeah. Can you hear me now? Hello?

21 THE CHAIRPERSON: Yes, we can. Please
22 go ahead. Please identify yourself with your name and
23 please go ahead.

24 MR. ROY BERTRAND (by ZOOM): Yeah. My
25 name is Roy Bertrand (phonetic) from Acho Dene Koe. I

1 live in Fort Nelson and I do lots of work around for
2 the fish in the lake, too, over the years.

3 But just the thing I wanted to know is
4 how long it's going to take to clean up that
5 contaminated site as there's lots of site on -- on
6 those -- on that location, on Pointed Mountain, which
7 is 'A' Mountain and 'B' Mountain.

8 And in between there, there's some
9 locations contaminated, and the contaminated soil,
10 when you work on contaminated sites, once you
11 penetrate the dirt and you chase the dirt around, so
12 some sites are big and some sites are small.

13 So, I just wanted to know how long it's
14 going to take to do work around there and if the
15 work's going to be done in the wintertime or mostly in
16 the summertime.

17 And another thing is -- I would like to
18 know is, I know some oil companies got the lease
19 around there for the next few -- few more years to do
20 activity around there.

21 So, after the cleanup is done, is there
22 going to be more activity going around, like work
23 around there? So, for future, like is there any
24 activity or company going to be coming back in there
25 to do more exploration?

1 Or -- and -- 'cause we got an active
2 pipeline nearby over by that shell K-29 (phonetic),
3 and I overheard some of the people talking that they
4 might open up that K-29.

5 So, if they do open it up, if the
6 pipeline do ever come in to that K-29, the Pointed
7 Mountain Beaver River Pipeline, it's all now. So, I
8 don't know if they're going to start using that again
9 or they're going to look out the other ways of putting
10 the pipeline in if they do start up that activity
11 again on K-29. So that's my question.

12 THE CHAIRPERSON: Thank you, Mr.
13 Bertrand. I will direct those questions to the
14 Proponent, Paramount. Please go ahead, Paramount.

15 MR. TERENCE HUGHES: Terence Hughes,
16 with Paramount. There's a few number of questions
17 there, so I'm going to try to recall them and work
18 through them.

19 As it relates to Pointed Mountain,
20 Paramount Resources has not and does not own any
21 mineral tenure. All the wells are abandoned and the
22 licences that may have existed I believe were expired
23 and never transferred to Paramount.

24 MR. ROY BERTRAND (by ZOOM): Okay.

25 MR. TERENCE HUGHES: Okay. I'm -- I'm

1 trying to remember the order, so I'm doing the best I
2 can here. As it relates to K-29, which is a location
3 of our Liard West property, that well --

4 MR. ROY BERTRAND (by ZOOM): M-hm.

5 MR. TERENCE HUGHES: -- and all the
6 wells at Liard West are abandoned. Paramount still
7 holds mineral tenure at Liard West. We have two (2)
8 production licenses and I'm going off my head here, so
9 please forgive me if I'm incorrect, but one is valid
10 through 2025, expires in 2025, and the other is due to
11 expire in 2026.

12 MR. ROY BERTRAND (by ZOOM): Okay.

13 MR. TERENCE HUGHES: The pipeline that
14 goes from K-29 to Pointed Mountain is not operated by
15 Paramount. It's operated by West Coast and/or also
16 known as Enbridge. I believe the Mackenzie Valley
17 Land and Water Board has recently granted them a land
18 use permit and a water license, and I believe it's on
19 the public registry.

20 I believe their path is to abandon that
21 infrastructure, and they have abandoned some of that
22 infrastructure.

23 MR. ROY BERTRAND (by ZOOM): M-hm.

24 MR. TERENCE HUGHES: The cleanup, We
25 proposed a timeline of events in our attachment to our

1 application. We envision working at the site and
2 monitoring the site. What's outlined in our
3 application is for up to thirty-seven (37) years.

4 The work as it relates to timing,
5 currently I think our preference is to do work in the
6 summer months. The work that's been done to date at
7 the site was -- by Paramount was done during the
8 summer months. Our application does include an ice
9 bridge so that would -- you know, could facilitate
10 winter activity.

11 MR. ROY BERTRAND (by ZOOM): M-hm.

12 MR. TERENCE HUGHES: Will there be
13 other activity after the cleanup? Yeah. After the
14 cleanup, we do in our -- you know, recognize that
15 there'll be a number of years of monitoring.

16 Maybe at this time, I'll turn it over
17 to my colleague, Ian, who's online to see if he has
18 any other further thoughts on the questions or
19 information on the questions you've asked.

20 MR. ROY BERTRAND (by ZOOM): Yes.

21 MR. IAN KIER (by ZOOM): Good evening,
22 everyone. Ian Kier, Paramount. I think Terence
23 covered it well. I thought maybe you said the K-29 to
24 Pointed Mountain pipeline wasn't ours or maybe I --
25 but I think you meant the Pointed Mountain down to BC

1 --

2 MR. TERENCE HUGHES: Yeah.

3 MR. IAN KIER (by ZOOM): --- is not
4 ours and that's the Enbridge one because we -- we did
5 abandon the pipeline network from K-29 south last
6 summer and this summer we will be completing that
7 surface equipment removal. So, I -- I wasn't sure if
8 I caught that correctly or not, I just wanted to
9 clarify.

10 And then in terms of timing, there's a
11 number of, you know, Terence did -- did say thirty-
12 seven (37) years, but a large part of that would be
13 monitoring. You know, the -- the initial assessment
14 and guideline development and guideline consultation
15 would be a few years. And once we are through that,
16 you know, three (3) to five (5) years of assessment
17 and guideline development and -- and consultation on
18 guidelines, you know, there -- active remediation, you
19 know, as we previously discussed today.

20 If -- if there's an onsite soil
21 containment cell, we -- ideally, that would be
22 completed in a single summer season for a number of
23 reasons. And then post closure, you know, if you
24 think about it as at least twenty-five (25) years of
25 monitoring, you know, maybe one way to think about

1 that is -- is maybe up to twelve (12) years to get to
2 that point where you're closing the site and then just
3 in a monitoring phase for the next twenty-five (25).

4 MR. ROY BERTRAND (by ZOOM): And --
5 and if you monitor it for the next twenty-five (25)
6 years, if there's the contamination still coming up on
7 their tests, it's -- there's going to be more work to
8 be done on there, or what -- what's going to be done
9 after that?

10 Like, if the -- if that contam --if the
11 cleanup it's a -- a -- wasn't -- it's -- like it would
12 -- if the test doesn't pass, if there's -- if it's not
13 passed and over the years, see and it -- it keep
14 coming up not pass and then you're going to do more
15 work on it or what's going to be done in -- in the --
16 in between those twenty-five (25) years?

17 MR. IAN KIER (by ZOOM): Yeah, I don't
18 --

19 MR. ROY BERTRAND (by ZOOM): -- it's
20 going to be more cleanup --

21 MR. IAN KIER (by ZOOM): -- I don't --
22 --

23 MR. ROY BERTRAND (by ZOOM): Yeah, go
24 ahead.

25 MR. IAN KIER (by ZOOM): Oh, thank

1 you, Ian Kier, Paramount.

2 Yeah, so the -- the -- the monitoring
3 requirements and outcomes I think would be set in the
4 licence and so we would be, you know, we -- we would
5 here until those -- until those criteria were met.
6 And so, you know, if there was -- if they were never
7 met, well, we're not done and -- and additional work
8 would be required.

9 MR. ROY BERTRAND (by ZOOM): Okay.
10 Thank you.

11 MR. IAN KIER (by ZOOM): Well, yeah,
12 we wouldn't -- we wouldn't just stop until -- until we
13 met the -- the licence conditions.

14 MR. ROY BERTRAND (by ZOOM): Yeah,
15 yeah, but I heard this -- overheard some of the locals
16 were saying that the -- the contaminated site on the -
17 - on the plant side is going to be buried or that's
18 what I was -- I was kind of a little bit confused on
19 there.

20 What they going -- what -- how are they
21 going to bury there -- they're going to line the site,
22 find a good site and -- and dig a hole and put a liner
23 in there and put all the contaminated soil in there
24 and monitor it for over the years? Or it's just going
25 to bury it and cover it up.

1 MR. IAN KIER (by ZOOM): Ian Kier,
2 Paramount. So, part of our -- well, one of the -- one
3 of the aspects of our licence application is an
4 engineered soil containment system.

5 So earlier today during the -- during
6 the hearings, we had a -- a presentation on that and
7 we had our -- our landfill engineers, who have
8 expertise, they've been running their company for --
9 for over twenty (20) years doing landfill design.

10 And so it's not -- it's not -- it's
11 not, you know, just a -- just a hole in the ground
12 with a liner laid, it's an engineered system that is
13 designed to -- to contain that waste. And then a
14 significant period of time monitoring that to make
15 sure that the design parameters are met and that the
16 expected outcomes are -- are met.

17 MR. ROY BERTRAND (by ZOOM): M-hm. M-
18 hm. Yeah, that's all I have for questions.

19 THE CHAIRPERSON: Tanya MacIntosh,
20 Chair of the Mackenzie Valley Land and Water Board.

21 Mr. Bertrand, it was unclear what your
22 first name was, can I get you to restate your first
23 name, please?

24 MR. ROY BERTRAND (by ZOOM): It's Roy
25 R-O-Y Bertrand.

1 THE CHAIRPERSON: Thank you, Roy
2 Bertrand.

3 Tanya MacIntosh, Chair of the Mackenzie
4 Valley. Those were really excellent questions and I'm
5 wondering, Mr. Bertrand, if you feel comfortable if I
6 ask the members around the table if they have any
7 questions for you?

8 MR. ROY BERTRAND (by ZOOM): Yeah,
9 yes.

10 THE CHAIRPERSON: Okay, at this time
11 I'd like to start with our Interveners.

12 ADKFN...? Do you have any questions?
13 No.

14 GNWT...? Do you have any questions?
15 No.

16 ECCC)...? Do you have any questions?

17 MR. MITCHELL JOHNSON (by ZOOM):
18 Mitchell Johnson, ECCC. No, we don't have any
19 questions at this time, but thank you for sharing that
20 information, Roy.

21 MR. ROY BERTRAND (by ZOOM): M-hm.
22 Thank you.

23 THE CHAIRPERSON: Tanya MacIntosh --
24 Tanya MacIntosh, Chair of the Mackenzie Valley Land
25 and Water Board.

1 I'd like to ask their Proponent
2 Paramount if they have any questions for Mr. Bertrand?

3 MR. TERENCE HUGHES: Terence Hughes,
4 Paramount. No questions.

5 THE CHAIRPERSON: Tanya MacIntosh,
6 Chair of the Mackenzie Valley Land and Water Board.

7 I'd like to ask our Board staff, our
8 technical advisors and legal counsel if they have any
9 questions for Mr. Bertrand?

10 Do -- do the Board members have any
11 questions for Mr. Bertrand? Okay, please identify
12 yourself and ask your questions. Thank you.

13 BOARD MEMBER BOLSTAD: It's Kathy
14 Bolstad, Mackenzie Valley Land and Water Board.

15 Mr. Bertrand, thank you. You asked a
16 question of the Proponent about the seasonality of the
17 work being done, whether it was going to be mostly
18 summer or winter and I'm curious, is there something
19 about the seasons that you're wondering about? I --
20 I'm just wondering if there's -- what -- what's behind
21 that question?

22 MR. ROY BERTRAND (by ZOOM): Well, the
23 -- the reason I ask is because most of the
24 contaminated sites, when they do a cleanup, it's
25 mostly done in the summer and winter.

1 But mostly I -- I was asking if -- if
2 it's going to be done in the summer or winter, because
3 summertime it's better -- better weather to do a
4 cleanup than wintertime. So that's why I asked if --
5 if they're going to do it in the summer or winter.
6 Yes.

7 BOARD MEMBER BOLSTAD: I see, Cathie
8 Bolstad.

9 THE CHAIRPERSON: Tanya MacIntosh,
10 Chair of the Mackenzie Valley Land and Water Board.

11 I want to thank you, Mr. Bertrand, for
12 joining us and sharing your words and sharing your
13 passion and perspective. I really appreciate your
14 questions. They were very concise and they will help
15 us build our evidence and build our confidence in our
16 decision making hearing, hearing what you have to
17 offer. Mahsi cho. I thank you for your time and I
18 will move on to the next speaker, okay.

19 Okay. Oh, yeah. Tanya MacIntosh,
20 Chair of the Mackenzie Valley Land and Water Board.

21 There are no more members online that
22 are asking questions, but I see that more community
23 members have shown up and I want to offer the
24 opportunity. It's the reason why we're having this
25 evening session.

1 For any members of the public that
2 haven't had an opportunity to share or if you have,
3 and you have more to offer, we are still sitting here
4 and we would love to hear your perspective. We want
5 to hear your voices. We came all the way to Fort
6 Liard to -- to do this and I want it to be meaningful
7 for you and so this opportunity is yours. And I just
8 want to ask now, if there's anybody that would like to
9 come forward, sit at the table and -- and offer their
10 perspectives.

11 Okay, I do not see any more members of
12 the public that are coming forward. So, we will be
13 calling this evening session to a close.

14 I do want to just circle back one more
15 time, 'cause there is one name on here that I -- I can
16 read and that's Skylia Hardisty (phonetic). And so, I
17 don't know if that individual has come back or --
18 okay. I just wanted to make sure and make sure I have
19 all the -- all the opportunities given.

20 The time is now 8:28 p.m. We have all
21 had a full day and I would like to conclude the public
22 hearing for the day and remind everybody that we'll be
23 starting the hearing again tomorrow morning at 9:00
24 a.m.

25 Please arrive on time to get settled in

1 so that we can keep on schedule and, as I mentioned
2 earlier, we will be doing shorter breaks, shorter
3 lunch hours to try and accommodate all the agenda
4 items that we need to get -- to get through.

5 So, I appreciate your patience
6 everybody and your time and efforts today.
7 Everybody's voice is important and I'm very proud of
8 the members of the community that have shown up to
9 offer their time and to offer their voices. Mahsi cho
10 to you all and goodnight. Mahsi.

11

12 --- Upon adjourning at 8:30 p.m.

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16 Certified Correct,

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19 _____

20 Wendy Woodworth, Ms.

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