



“When You Talk - We Listen!”



MACKENZIE VALLEY LAND AND WATER BOARD

Canadian Zinc Corporation (CZN)

Prairie Creek All Season Road

MV2014F0013 MV2014L8-0006 MV2019L8-0002 PC2014F0013

PC2014L8-0006

TECHNICAL SESSION

Facilitator Chris Hotson

Co-Facilitator Stoddart



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Day 3 of 3

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3	Julian Morse	)
4	Katherine Harris	)
5	Jacqueline Ho	)
6	Kimberly Murray	)
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8	Alan Taylor	) Canadian Zinc
9	David Harpley	) Corporation
10	Scott Fulton	)
11	Joseph Lundson (np)	)
12	Bill Rosenblum	)
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15	John Wilcockson	) Hatfield
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20	Rick Walbourne	) GNWT - ENR
21	Laura Malone	)
22	Loretta Ransom (np)	)
23	Lee Ross	)
24	Bryana Matthews	)
25	Bill Pain (np)	)

1 APPEARANCES (CONT'D)

2

3 Darren Campbell (np) ) GNWT - Lands

4 Lorraine Seale (np) )

5 Whitney Locker )

6 Kyle Christiansen )

7 Tracey Covey ) GNWT - TLA

8

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12

13 Dan Coombs ) Fisheries and

14 Alexandra Sorckoff ) Oceans Canada

15

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21 Kathy Racher ) Liidliee Kue First

22 ) Nation & NDDB

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24 Audrey Steedman ) Parks Canada

25 Sarah Arnold )

1 APPEARANCES (CONT'D)

2 Dani Thompson )

3 Jonathan Tsetso )

4 Allison Stoddart )

5 Laura Fletcher (by phone) )

6 Jamie VanGulck (np) ) Arktis Solutions

7 Gilles Lucier (np) )

8 Dwayne Doucette )

9

10 Carrie Breneman ) Dehcho First

11 ) Nations

12

13 Kevin Jones (by phone) ) Tetra Tech

14 Gary Koop (by phone) )

15 Rick Hoos )

16 Karla Langlois )

17

18 Bryan Gould ) Alpine Solutions

19

20 Keegan McGrath (by phone) ) Shared Value

21 Allie Mayberry ) Solutions

22

23

24

25

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1 --- Upon commencing

2

3 THE FACILITATOR HOTSON: Good morning,  
4 everyone. A few people might still be joining online,  
5 but we have a few with us.

6 My name's Chris Hotson. I'm with the  
7 Mackenzie Valley Land and Water Board. I think this  
8 is the same crew we've had all week. I expect to see  
9 some different faces after lunch, potentially, from  
10 ENR, joining us for the wildlife discussion. We may  
11 have to do a round of introductions at that point for  
12 -- for the new people. Right. And there might be  
13 some new people on the phone.

14 So if you're joining us on the phone,  
15 can you just please let us know who you are and who  
16 you're with?

17 MR. KEEGAN MCGRATH (BY PHONE): This  
18 is Keegan McGrath and Allie Mayberry from SVS, working  
19 with LKFN.

20 MR. DWAYNE DOUCETTE (BY PHONE): This  
21 is Dwayne Doucette. I'm a water-wastewater engineer  
22 with Parks Canada.

23 THE FACILITATOR HOTSON: Is there  
24 anyone else on the line right now?

25 MR. RICK HOOS (BY PHONE): Yeah, it's

1 Rick Hoos, from Tetra Tech.

2 MS. LAURA FLETCHER (BY PHONE): Good  
3 morning. It's Laura Fletcher. I'm on the line for a  
4 bit this morning. Thank you.

5 THE FACILITATOR HOTSON: Chris with  
6 the Board. Welcome back, everyone, for the third and  
7 final day of the tech session with CanZinc. We've had  
8 some very productive discussions so far. We've  
9 generated ten (10) Information Requests that'll be  
10 going out early next week in their formal request  
11 letters, and you will all be copied on those  
12 distributions. We might generate some more today.  
13 It's yet to be seen.

14 I think we'll jump right into the  
15 agenda. It's a -- a fairly full agenda. Wildlife is  
16 a very big topic. Waste management, as well, is a big  
17 topic, and Sundog Creek, although it pertains mostly  
18 to Parks, the Board isn't involved in that section.  
19 We're here nonetheless, taking notes and -- and hoping  
20 to -- to help in any way we can. And then after lunch  
21 again, in addition to wildlife, we'll be looking at  
22 inspace -- invasive species and -- rare plant  
23 management.

24 So, I'm going to open the floor to ENR  
25 first. They have a -- quite a number of comments on



1 waste management, and we'll let them get the ball  
2 rolling, and then cycle through other Interveners.

3

4 CONTINUED QUESTION PERIOD:

5 MS. BRYANA MATTHEWS: Good morning.

6 This is Bryana Matthews, with ENR.

7 So for our first question, through our  
8 comments and the responses from Canadian Zinc on how  
9 they plan to handle non-hazardous domestic  
10 waste, several options have been documented in the  
11 Waste Management Plan and in Canadian Zinc's  
12 responses.

13 So we're just kind of wondering at what  
14 point a decision will be made in terms of whether the  
15 waste will be incinerated or transported to the mine  
16 or at a location off site.

17 MR. DAVID HARPLEY: It's Dave Harpley.

18 So one of the difficulties we have at this point is,  
19 we haven't actually appointed the contractor for the  
20 work, the road construction work, so it'll depend on  
21 the ability of the road construction  
22 contractor. We'll see what kind of equipment,  
23 facilities, they have, whether they have an  
24 appropriate incinerator or not, and then go from  
25 there, but I suspect we're going to have to make

1 provision for taking it off site to a suitable  
2 location.

3 MS. BRYANA MATTHEWS: Okay, thanks.

4 So, this is Bryana Matthews with ENR.

5 So for my second question, similar,  
6 we've noted your options to deal with sewage, and that  
7 includes potentially discharging treated sewage  
8 through a septic field. And so we noted that Canadian  
9 Zinc hasn't committed to this, but we're also  
10 wondering at what point these kinds of decisions will  
11 be made.

12 MR. DAVID HARPLEY: Dave Harpley.

13 It's kind of the same answer. Depends on what  
14 treatment facilities a contractor has and if they are  
15 suitable or not, but in terms of sewage, it also  
16 depends on the nature of the location, where the camp  
17 is, and we recognize that we don't have all the  
18 information we need to make those determinations at  
19 this point.

20 I'm gonna suggest that we're going to  
21 need to make provision for off-site sewage management  
22 for the Winter Road -- Phase 1 Winter Road, and use  
23 that road to further investigate so we can have a  
24 better idea of what our plan is going into Phase 2 All  
25 Season Road construction.

1 MR. RICK WALBOURNE: Rick Walbourne,  
2 ENR. Thanks, David, for that response.

3 This question might be more directed  
4 towards the Board. Trying to gauge an understanding  
5 of what information is required at this point. And I  
6 think specifically, for instance, we're -- we're  
7 wondering about the Blackwater sewage.

8 So obviously there's quite a  
9 difference, potentially in the water licence, if that  
10 material was stored or moved off site or if it's being  
11 treated and discharged on site, and if it's discharged  
12 on site it's a waste stream under the water licence,  
13 and may require monitoring requirements.

14 So I'm just trying to understand how  
15 the Board will reconcile some outstanding information  
16 regarding waste treatment when you're thinking about  
17 writing conditions regarding how sewage will be  
18 handled. Do we need -- do we need to know that or  
19 will you write conditions in there if sewage is  
20 discharged hypothetically or contingency? I'm just  
21 trying to understand if the Board needs that  
22 information or if they can work a water licence to  
23 encompass different options. Thank you.

24 MR. JULIAN MORSE: Julian Morse, with  
25 the Board.

1                   I think that the best answer in -- in  
2 this case is going to be that we'll have to create  
3 provisions in the licence for either scenario that  
4 CanZinc is proposing, so if there is the possibility  
5 of discharging sewage, of course we have to create  
6 provisions for that. So, you know, it won't be the  
7 first project we've dealt with where sewage is  
8 discharged, so we do have precedents to use in terms  
9 of determining what parameters would look like coming  
10 out of a treatment facility, and so that's something  
11 that we could establish limits for in the licence that  
12 the inspector would be able to enforce at -- at the  
13 discharge point.

14                   And then, you know, if CanZinc ends up  
15 trucking the sewage off, then it's -- it's not as much  
16 of a concern, but as long as they fully account for  
17 that in an updated Waste Management Plan. You know,  
18 if it -- if it's in the license as a parameter, or  
19 sorry, as a -- as something that needs to be  
20 monitored, then it kind of -- if they do it, it's  
21 monitored and accounted for in the licence, and if  
22 they don't, it's not an issue.

23                   Does that adequately answer the  
24 question?

25                   MR. RICK WALBOURNE: Rick Walbourne,

1 ENR. Yes, I think it does. Thank you.

2 MR. LEE ROSS: Lee Ross, with ENR.

3 One (1) issue historically we've had with what you  
4 mention there, Julian, is trucking sewage off waste  
5 (sic) to some of the smaller communities that only the  
6 population might be a hundred, 200, 300, and a road  
7 camp is a hundred people, so now their sewage  
8 treatment is overloaded and then the community has  
9 problems with their water licence and meeting their  
10 criteria.

11 So more of a comment, just something  
12 that's happened before, so obviously want to plan for  
13 that not to happen.

14 MR. JULIAN MORSE: Julian Morse with  
15 the Board. That's certainly a comment for CanZinc to  
16 deal with.

17 MR. LEE ROSS: Yeah, yeah. Yeah, I  
18 just heard if they're trucking it off-site it's not as  
19 much a deal. But, yeah, it would be an issue for  
20 CanZinc, you're right.

21 MR. DAVID HARPLEY: Dave Harpley.  
22 Yes, we're aware of the issues of local communities  
23 and that we need prior agreement on acceptance,  
24 probably both for the community and to inform the  
25 inspector.

1                   MR. LEE ROSS:    Lee Ross, ENR.  Yeah,  
2  that's what we've been searching for currently is a --  
3  usually a letter or some form of agreement from the  
4  SAO or administrator in the community and then the  
5  water officer for that associated water licence.  
6  Thank you.

7                   MR. DAVID HARPLEY:    Dave Harpley.  
8  Kind of related to that and similar to another issue  
9  that came up yesterday, but we understand that's a  
10 requirement, only that we can't -- we're not really in  
11 a position to provide that authorization yet, and we  
12 would rather not get into a situation where we have to  
13 include it in, for example, an approved waste  
14 management plan.

15                   We're okay with the requirement to  
16 provide it before we can actually do the disposal, you  
17 know, transport and disposal.  Just we don't want to  
18 have to have it all done by the time we get the plan  
19 submitted.

20

21   (BRIEF PAUSE)

22

23                   MR. JULIAN MORSE:    Julian Morse with  
24 the Board.  Yeah, we're just talking amongst ourselves  
25 here about this.  You know, typically when we're

1 dealing with a land use permit application and a --  
2 and somebody is going to be depositing waste or sewage  
3 in a community, that -- that letter from the SAO and  
4 permission and speaking with the inspector happens  
5 ahead of the application coming in, but in this case,  
6 either way, I mean, if -- in order for the Board to  
7 approve a waste management plan, and I think I can  
8 speak of behalf of Parks in this case as well, that  
9 information will need to come in before that approval  
10 happens.

11                   And so -- I mean, that's about the best  
12 answer we can give right now, and just for CanZinc to  
13 note that the -- if -- if this is something they're  
14 going to need to do, that it would be helpful to start  
15 that conversation with the community as soon as  
16 possible, and the inspector. Thanks.

17

18                                   (BRIEF PAUSE)

19

20                   THE FACILITATOR HOTSON: Chris, with  
21 the Board. Sorry, just a little more sidebar  
22 discussion within Board staff. Is there any more  
23 questions from ENR? No? Okay.

24                   We're off to a rip roaring start here.  
25 There's a couple of different comments from Lands, two

1 (2) different -- some from North Slave Regional  
2 Office, which I think is actually Tracey. Do you want  
3 to go ahead?

4 MR. TRACEY COVEY: Tracey Covey, TLA  
5 now actually. But our questions have been asked and  
6 answered, so we're good.

7 THE FACILITATOR HOTSON: Chris, with  
8 the Board. The other questions are from Darren  
9 (phonetic). Darren's not here? All right.  
10 Board staff had a comment. Was it  
11 addressed?

12

13 (BRIEF PAUSE)

14

15 MS. JACQUELINE HO: Hi, Jacqueline,  
16 with the Board. Throughout the application, there is  
17 mentions of incinerator and the bio -- bioremediation  
18 cell or land farm at the mine site. I'm just  
19 wondering if CanZinc has -- and that's not in the ASR  
20 (phonetic) authorization.

21 I'm just wondering if CanZinc has other  
22 authorizations that authorize them to have an  
23 incinerator and bio -- bioremediation cell and other -  
24 - at the mine site.

25 MR. DAVID HARPLEY: Dave Harpley. If



1 I understanding your question correctly, you're asking  
2 if we have authorizations for those.

3 Well, I believe we do, because they  
4 were part of the scope of the mine development which  
5 is permitted.

6

7 (BRIEF PAUSE)

8

9 MS. JACQUELINE HO: Jacqueline, with  
10 the Board. I guess I just -- maybe double-check that  
11 -- those authorization also consider the waste from  
12 the -- not just from the mine but from the road as  
13 well, because the plans at the time probably just  
14 covers the waste at the mine site itself but not the  
15 road, so there could be more waste. That wasn't  
16 considering the road at the time.

17 So maybe that's a consideration to  
18 think about, the amount of waste and the management  
19 plan, if they consider the waste from the road.

20 MR. DAVID HARPLEY: Dave Harpley. So  
21 is this a capacity issue or is it an approval issue?

22

23 (BRIEF PAUSE)

24

25 MR. JULIAN MORSE: Julian, with the

1 Board. I think we're going to have to get back to you  
2 on exactly what the implications are of taking waste  
3 from one licensed activity and -- and dealing with it  
4 through a different licensed activity. We will commit  
5 to get back to you on that.

6

7 --- INFORMATION REQUEST NO. 11: Board to provide  
8 information regarding licencing or  
9 permitting activities related to the  
10 All-season Road (waste management) in  
11 CZN's Mining Permit MV2008D0014 and  
12 Licence MV2008L2-0002.

13

14 MR. DAVID HARPLEY: It's Dave Harpley.  
15 So the other thing to bear in mind is, obviously the  
16 mine EA was also the Winter Road EA, so it included an  
17 access road.

18

19 (BRIEF PAUSE)

20

21 THE FACILITATOR HOTSON: Chris, we  
22 just IR'd ourselves. That's pretty neat. I don't  
23 think it's the first time it's ever happened, just to  
24 be clear on that. Just -- we -- we felt left out, so.

25

Okay. I'll turn it over to Parks. I

1 don't think you have any more stuff. No? Okay.

2 Parks Canada...?

3

4 (BRIEF PAUSE)

5

6 THE FACILITATOR STODDART: Allison  
7 Stoddart, Parks Canada. We don't actually have any  
8 questions. I think our comments and recommendations  
9 were -- were clear in terms of what our expectations  
10 are.

11 THE FACILITATOR HOTSON: Chris, with  
12 the Board. Thanks, Allison. Kathy, go ahead.

13 DR. KATHY RACHER: Kathy Racher. I  
14 think I had the same question as -- as you guys did,  
15 about if -- if the incinerator and the -- the  
16 treatment facilities at the mine are going to be used,  
17 are they permanent? I don't think there's a -- an  
18 approved Waste Management Plan at the mine, either for  
19 the exploration permit or for the mining permit. So  
20 I'm glad you guys I -- IR'd yourselves, so perfect.

21 I think that was -- oh, and I also  
22 support the -- the recommendation from ENR to -- to  
23 have conditions in the -- in the licence in case there  
24 needs to be sewage discharge on -- from camps on the  
25 road, so that would be -- that would be helpful,

1 rather than having to have an amendment should that  
2 happen next year. Thanks, that's it.

3 THE FACILITATOR HOTSON: Chris, with  
4 the Board. That covers off people who actually had  
5 comments on the RAS (phonetic).

6 Is there any other groups around the  
7 table who have comments on the Waste Management Plan?

8

9 (BRIEF PAUSE)

10

11 THE FACILITATOR HOTSON: Okay.  
12 Opening it up to people on the line. Any questions?

13

14 (BRIEF PAUSE)

15

16 THE FACILITATOR HOTSON: Excellent.  
17 Well, hearing none, we shall move on.

18 Do you have a short presentation on  
19 Sundog Creek? I noticed a map up here, but -- go  
20 ahead, Dave.

21 MR. DAVID HARPLEY: It's Dave Harpley.

22 We just compiled a series of photographs and  
23 information in the event that it would be useful to  
24 inform answers to questions. They're not necessarily  
25 intended to present.

1 (BRIEF PAUSE)

2

3 THE FACILITATOR HOTSON: Okay. Chris,  
4 with the Board. So, noting that, we have some  
5 resources to help the discussion along, if necessary,  
6 just to point out, and we can pull those up for you.

7 I'm going to open it up to -- seeing as  
8 Parks Canada is the one that has to deal with Sundog  
9 Creek, we're going to let you go first.

10 THE FACILITATOR STODDART: Allison  
11 Stoddart, with Parks Canada.

12 So, as I think all of us are aware,  
13 there have been some significant changes to the -- the  
14 road design in Sundog Creek, and of course this was  
15 following the issuance of -- of the measures, pointing  
16 to Measure 9(1) (phonetic) in particular.

17 Parks Canada is also aware of, you  
18 know, a number of surveys that are going on within the  
19 area of Sundog Creek this summer. However, I think  
20 for everybody's benefit and -- and ours as well, it  
21 would be great to understand sort of what Canadian  
22 Zinc's big picture plan is for which baseline they  
23 will be collecting and any associated monitoring that  
24 will be put in place to ensure that they meet the  
25 objectives of Measure 9(1), which is, of course, to

1 ensure that fish and fish habitat are protected  
2 throughout the life of the project.

3                   And I -- I point to both 9(1) Part 2,  
4 which lists the characteristics, ecological  
5 characteristics, that were -- were identified as -- as  
6 the baseline information that's needed, as well as  
7 9(1) Part 4, for those that would be monitored,  
8 recognizing of course that the project has been  
9 modified.

10

11                   (BRIEF PAUSE)

12

13                   MR. DAVID HARPLEY:    It's Dave Harpley.  
14 I think our feeling on that matter is -- as you know,  
15 we have a draft Sundog Diversion Plan on file, which  
16 is now obviously needing to change. I think the  
17 appropriate approach would be to make that change.  
18 I'm thinking we can probably just rename it and -- and  
19 reconfigure it to be specific to the revised approach  
20 and in the same document, revise our approach to  
21 baseline and monitoring accordingly, rather than kind  
22 of speculate here on what that might be.

23                   THE FACILITATOR STODDART:   Allison  
24 Stoddart, with Parks Canada. That sounds great.

25                   I guess my only concern is, you know,

1 collection of baseline obviously needs to happen, you  
2 know, fairly quickly, and so I think -- I think it  
3 would be best for -- for everybody involved, DFO and -  
4 - and Parks, to potentially look at that sooner rather  
5 than later.

6                   So, you know, of course a lot of these  
7 updated management plans are not going to be coming in  
8 until we're -- we're licensing, and so I'm wondering  
9 if it might be better for us to put a time line on  
10 that to -- so that -- so that if we have some  
11 disagreements about what needs to be considered, we  
12 can have that discussion and there'll be enough time  
13 to -- to add in additional surveys, if necessary.

14

15                   (BRIEF PAUSE)

16

17                   MR. DAVID HARPLEY:    Dave Harpley.  
18 We're -- we're thinking -- I'm twisting John's arm  
19 here to be first week of July.

20                   MR. JULIAN MORSE:    Julian Morse, for  
21 the Board.  Okay, we're record that as an IR with --  
22 with a slightly different due date than most of them.  
23 We'll -- we'll just record it as 1st -- why don't we  
24 just say 1st of July?

25

1 --- INFORMATION REQUEST NO. 12: CZN to provide a  
2 revised plan specific to Sundog Creek  
3 which includes effects mitigation  
4 baseline data, monitoring and adaptive  
5 management as required by REA Measure  
6 9-1. The plan must include all the  
7 hydrological and ecological  
8 characteristics outlined in measures 9-  
9 1 part 2 and 4. Should any of these  
10 characteristics not be included, clear  
11 justification must be provided.

12

13 MR. JULIAN MORSE: We'll look at the  
14 date and figure it out at the break and come up with a  
15 final date, okay.

16

17 (BRIEF PAUSE)

18

19 THE FACILITATOR STODDART: Allison  
20 Stoddart, with Parks Canada.

21

22 I think we can write this into the  
23 wording of the IR, however, it would be great if -- if  
24 Canadian Zinc could provide any justifications for why  
25 there will not be impacts on -- on characteristics  
that they're not including in their base line and



1 monitoring, just so that we -- you know, we have a  
2 reasoning behind why certain things are not being  
3 collected that have -- were outlined in the measure.

4

5 (BRIEF PAUSE)

6

7 THE FACILITATOR HOTSON: Okay. This  
8 is Chris, with the Board. We'll turn it over to ENR.

9

10 (BRIEF PAUSE)

11

12 MS. BRYANA MATTHEWS: Bryana Matthews,  
13 with ENR.

14 So, our comments were related to one  
15 that was brought up during the water monitoring  
16 section, and I believe we held off until the  
17 appropriate person was online, so we just wanted to  
18 make sure that -- we can ask that question now.

19 MR. DAVID HARPLEY: Dave Harpley I'm  
20 not sure we can, because I didn't hear his name.

21 Bill, are you -- you on the line?

22

23 (BRIEF PAUSE)

24

25 MR. DAVID HARPLEY: It's Dave Harpley.

1 We'll call him. Maybe we could just proceed in the  
2 meantime.

3 THE FACILITATOR HOTSON: Chris, with  
4 the Board. That's fine.

5 So, yeah, as soon as we can get him on  
6 the line, we'll -- we'll jump back to that, but do you  
7 have additional questions right now? No?

8 There were some comments from LKFN.  
9 Dieter or Kathy...?

10 DR. KATHY RACHER: Yes. Kathy Racher.  
11 I think our questions were answered. We're good.

12 THE FACILITATOR HOTSON: Go ahead,  
13 then.

14 MR. DAN COOMBS: Dan Coombs, DFO.  
15 Just one (1) question.

16 Are you planning on using that  
17 footprint for your Phase 1 Winter Road or Phase 2?  
18 Are you doing the work --

19 MR. DAVID HARPLEY: Dave Harpley. So,  
20 the presentation that we're not giving at this point,  
21 but you can see, is of the Phase 2 footprint. The  
22 Phase 1 Winter Road would basically just come up the  
23 old alignment, which you can actually see if you look  
24 at that photograph, top left. You can actually see  
25 the trace of the old Winter Road alignment.

1 (BRIEF PAUSE)

2

3 THE FACILITATOR HOTSON: Any follow-up  
4 to that, Dan? No? Okay.

5 Chris, with the Board. Any other  
6 questions around the room?

7

8 (BRIEF PAUSE)

9

10 THE FACILITATOR HOTSON: Any questions  
11 online?

12

13 (BRIEF PAUSE)

14

15 THE FACILITATOR HOTSON: Hearing none,  
16 we're just going to take a five-minute pause to see if  
17 we can get CanZinc's consultant on the line here. So  
18 those of you on the line, just hold on and those  
19 around the room, there's still lots of treats over  
20 there.

21

22 (BRIEF PAUSE)

23

24 MR. ALAN TAYLOR: It's Alan. Bill --  
25 Bill's just parking his car. He'll be five (5)

1 minutes or so.

2

3

(BRIEF PAUSE)

4

5

THE FACILITATOR HOTSON: Welcome,

6

Bill. This is Chris Hotson. I'm with the Mackenzie

7

Valley Land and Water Board. We're just going to get

8

people seated again and then we'll -- we'll start up.

9

We're talking about Sundog Creek, and there are some

10

questions outstanding that was awaiting your

11

expertise.

12

So, as soon as we are seated, I'm going

13

to turn it back over to ENR, and they'll just ask the

14

question. I just ask that when you do respond, state

15

your name before you speak. That's because this is

16

being recorded.

17

MR. BILL ROSENBLUM (BY PHONE): Will

18

do.

19

MS. BRYANA MATTHEWS: This is Bryana

20

Matthews, with ENR.

21

So, we had asked this question

22

yesterday, and it's in terms of the hydroelectric

23

stations that have been placed along the road. So, I

24

understand that to design the stream crossings, that a

25

regional approach was taken. And then I'm just kind

1 of wondering, with this regional approach, if the data  
2 from the hydroelectric stations that have been placed  
3 along the road will be used in any way to confirm the  
4 approach of the regional analysis? Thanks.

5 MR. BILL ROSENBLUM (BY PHONE): Bill  
6 Rosenblum. Not for a very long time. The regional  
7 analysis approach or -- or the design approach for  
8 design flows is a probability-based approach which  
9 requires a long data set, about ten (10) to fifteen  
10 (15) years before you have enough data points to draw  
11 a meaningful statistical analysis of the data. So  
12 with a limited number of years, there's -- there's not  
13 much you can do to confirm a design flow when we're  
14 talking about a hundred year event.

15 Short periods of record can be useful  
16 for establishing base flows in the fall that can be  
17 useful for establishing mean annual flows with -- with  
18 relatively few years of record. But when we're  
19 talking about a design event, hundred year level  
20 events, short periods of additional record will not be  
21 very helpful.

22 MS. BRYANA MATTHEWS: Bryana Matthews,  
23 with ENR. Thanks, that's helpful.

24 So, I guess where I was going with this  
25 is, in our comments, submitted in our view, we noted

1 that there was a few sections of road that weren't  
2 covered from the hydromet stations that have been in  
3 place, and we recognize then Canadian Zinc's response  
4 that some areas of the road have very small streams  
5 that aren't conducive to gauging.

6                   So I took a closer look at Appendix 1-  
7 1, and that identifies the major watercourse  
8 crossings, and there is just a couple that were in  
9 that area, specifically the Polje Creek watershed, the  
10 Fishtrap Creek watershed, and the Liard River  
11 watershed. Those are major watercourse crossings.

12                   So in terms of using the hydromet data  
13 to confirm some designs, with those watersheds not  
14 having any gauging on them, I was just wondering if  
15 those will be able to be confirmed somehow to the  
16 regional analysis approach that was used.

17                   MR. BILL ROSENBLUM (BY PHONE): Well,  
18 you mentioned two (2) -- Bill Rosenblum. You've  
19 mentioned two (2) large streams, which I can speak to  
20 from recollection; one is Polje, the other one is  
21 Liard.

22                   The Liard River has -- is a - is a  
23 barge crossing proposal, and for that one we did  
24 actually use a totally separate approach which relied  
25 on gauge data on the Liard. We did not use the Liard

1 gauge data for the -- the local regional assessment  
2 because it's just way too big. The -- they -- the  
3 area that's covered by the Liard basin just is not  
4 representative of the -- local granite as along the  
5 access road, except for, of course, Liard.

6           As for the Polje, if Polje is a major  
7 channel and the -- the factor of safety we have, if  
8 you like, is that the veto analysis line that we have  
9 drawn is based on well-drained mountain streams. The  
10 -- they have a -- and -- and that approach will give  
11 good results for basins which are in -- along the --  
12 the route which are well drained.

13           When you have less well-drained basins,  
14 the storage effects within the basin causes the peak  
15 flows on a unitary basis to be less than a well-  
16 drained basin, and as a result, we went into this  
17 knowing that the -- the equation we had was going to  
18 give conservatively high numbers for the more  
19 vegetated basins, such as the Polje.

20           So, we -- we approached the Polje  
21 saying we -- we don't have a gauge on the Polje but we  
22 have an approach which we believe is providing  
23 conservatively high numbers which -- which is good  
24 from a -- a design security perspective.

25           MS. BRYANA MATTHEWS: Bryana Matthews,

1 with ENR. Thanks for that response.

2 I just wanted to clarify, in Appendix  
3 1-1, it's identified that there is a major stream  
4 crossing at kilometre 148, and in the main report,  
5 that stream crossing is associated with the Liard  
6 watershed, so it wasn't necessarily just the Liard  
7 River that I was referring to, but there is also a  
8 major crossing in that watershed, just to clarify, if  
9 you have any further comments on that.

10 MR. BILL ROSENBLUM (BY PHONE): Bill  
11 Rosenblum. I'm at a disadvantage of not having that  
12 reference in front of me, so I can't confirm what  
13 crossing that might be. But the -- the same base  
14 approach holds is that when you're in the less well  
15 drained -- and -- and I don't know if this applies for  
16 the basin you're talking about at kilometre 148.

17 But in a less well-drained, less steep  
18 basin, the regional analysis approach will give  
19 conservatively high numbers, and -- and we believe  
20 that it gives realistic numbers for the remainder.

21 MS. BRYANA MATTHEWS: Bryana Matthews,  
22 with ENR. Thanks for those responses. I don't have  
23 any further questions.

24 MR. DAVID HARPLEY: It's Dave Harpley.  
25 I just wanted to add some detail, some kind of site



1 specific detail.

2                   The three (3) watercourses you  
3 mentioned, other than Liard, all have what I would  
4 consider to be confounding issues in terms of  
5 relationships. Polje is a creek that has two (2) main  
6 tributaries. The one (1) tributary from the east is  
7 more like a normal tributary, but the one (1) from the  
8 West actually is fed by the Poljes themselves, which,  
9 as you might understand, is cost dominated.

10                   It's not clear how they actually  
11 discharge water and it's not a normal relationship,  
12 and I -- I personally have seen Polje Creek at the  
13 crossing, dry in August. So, I'm not sure we -- we --  
14 we'd get a reasonable relationship by trying to have a  
15 staff (phonetic) gauge on that location anyway.

16                   Fishtrap is basically a wetland  
17 crossing, and there are beaver dams upstream and  
18 downstream of that crossing. So, again, it's not  
19 going to be typical.

20                   One forty-eight (148) is basically what  
21 I would call a debris torrent stream off the front  
22 range, so a long rainfall, yes, it will carry a  
23 significant amount of rainfall, but for most of the  
24 time is dry.

25                   MS. BRYANA MATTHEWS: Bryana Matthews,

1 with ENR. Thanks for that clarification. That's very  
2 helpful.

3 THE FACILITATOR HOTSON: Chris, with  
4 the Board. Any further questions on Sundog Creek  
5 around the table?

6

7 (BRIEF PAUSE)

8

9 THE FACILITATOR HOTSON: Any questions  
10 online?

11

12 (BRIEF PAUSE)

13

14 MR. BILL ROSENBLUM (BY PHONE): Bill  
15 Rosenblum. I just ask that when any -- everybody else  
16 has asked their question, if you'd like me to stay on  
17 the line or if I -- whether or not I should stay on  
18 the line.

19

20 (BRIEF PAUSE)

21

22 THE FACILITATOR HOTSON: Chris, with  
23 the Board. I'm not paying the bill, so I'll leave it  
24 up to David. I think we'll be done with Sundog Creek,  
25 yeah, so I think you'd be okay to leave. And I think

1 that is -- that concludes what we're talking about for  
2 Sundog, so thank you, Bill.

3 MR. BILL ROSENBLUM (BY PHONE): Bill  
4 Rosenblum. You're welcome.

5 THE FACILITATOR HOTSON: Chris, with  
6 the Board. We find ourselves a bit ahead of schedule,  
7 a couple of hours. Not a -- not a bad problem to  
8 have, but that puts us in a situation where ENR's  
9 staff that was going to be talking about wildlife is  
10 not here yet. We have reached out to them and confirm  
11 they will be here shortly, so we are going to take a  
12 early break here and we will resume.

13 So people on the line, just -- we'll  
14 keep the line open and we'll call you back. So I'll  
15 mute the line for now so you don't have to listen to  
16 our -- our chatter, but we will come back on and --  
17 and let you know when we're resuming. It should be  
18 twenty (20) minutes to half an hour.

19 So everyone else, enjoy the pastries  
20 and I guess if you're at home and you're one of those  
21 lucky consultants that's still in your pyjamas, go get  
22 your second coffee.

23

24 --- Upon recessing

25 --- Upon resuming

1 THE FACILITATOR HOTSON: Welcome back,  
2 everyone. We'll get started again. If you're online,  
3 we've been joined by -- we've had some of the ENR  
4 water section depart because they're done with their  
5 engagement here.

6 And we've been joined by James  
7 Hodson -- Hodson, not Hotson; that's me -- who is with  
8 ENR Wildlife. So just -- if you want to just  
9 introduce yourself, James. And just a reminder that  
10 this is being recorded, so anytime you speak just say  
11 your name before.

12 MR. JAMES HODSON: Yeah. My name's  
13 James Hodson. I'm with the Wildlife Division of  
14 Environmental and Natural Resources in Yellowknife.

15 THE FACILITATOR HOTSON: Chris, with  
16 the Board. Thanks for responding quickly to our  
17 request, so we are quite a bit ahead of schedule,  
18 which is great on a Friday. We can't complain about  
19 that. You never know. We might be back on schedule  
20 by the time we're done talking about wildlife.

21 So just to be clear, the Board's  
22 jurisdiction in terms of wildlife is very limited.  
23 It's limited to habitat. And because of that, ENR is  
24 here, and they are in the process of developing -- I  
25 think it's a joint WMMP with Parks?

1 THE FACILITATOR STODDART: M-hm.

2 THE FACILITATOR HOTSON: Yeah. And  
3 that -- so that will be approved by the Minister for  
4 ENR and by Parks. And then of course, any  
5 habitat-related issues would be covered under a permit  
6 as well -- or licence as well potentially.

7 So with that, we're going to dive right  
8 into wildlife. And we'll start with -- oh, let's  
9 start with ECCC 'cause they have some comment.

10 MR. RUSSEL WYKES: Russ Wykes, ECCC.  
11 Our CWS experts have been working closely with  
12 Bragg Creek and all of our comments have been resolved  
13 at this time.

14 THE FACILITATOR HOTSON: Thank you.  
15 Chris, with the Board. We'll turn it over to Parks  
16 Canada just to mix it up.

17 MS. DANI THOMPSON: Dani Thompson,  
18 with Parks Canada. So to kind of kick things off, I  
19 just want to start with a more broad comment,  
20 recognizing that we've had recent conversations with  
21 Canadian Zinc.

22 But I do want to put on the record some  
23 of the broader concerns that we had with the WMMP,  
24 Wildlife Monitoring and Management Plan, namely that  
25 the level of detail in the WMMP was somewhat lacking

1 in that it was missing some important information  
2 about how the results of baseline studies feed into  
3 plans for effects monitoring and adaptive management.

4 I guess what I'm looking for here is  
5 for Canadian Zinc to kind of reconfirm that in the new  
6 iteration of the WMMP that they will commit to include  
7 the following information: So specifically, what  
8 affect the monitoring method is trying to detect; what  
9 metrics will be used to detect and affect; and then  
10 what level of affect -- in other words, what is the  
11 threshold that will trigger adaptive management?

12 MS. KARLA LANGLOIS: Hi. It's Karla  
13 Langlois, with Tetra Tech representing Canadian Zinc.  
14 We're okay with that.

15 MS. DANI THOMPSON: Excellent. Thank  
16 you for that. Dani Thompson, with Parks Canada. So  
17 considering these expectations for the next iteration  
18 of the WMMP and of course the time it will take for us  
19 to review -- it's quite a lengthy document -- I'm not  
20 sure that you can give this to me now, but can you  
21 give us a rough estimate for when we can expect  
22 this -- this new document?

23 MS. KARLA LANGLOIS: Karla Langlois.  
24 I think it would be appropriate at this time to work  
25 on a phase 1 WMMP for the immediate concern, and then

1 we'll work on the phase 2. And we also had committed  
2 to work with Parks and ENR to develop the WMMP, so  
3 we'll have to include time for the consultations to do  
4 that.

5 MS. DANI THOMPSON: Dani Thompson,  
6 Parks Canada. Could you just clarify what types of  
7 information would be included in the phase 1 of the  
8 WMMP?

9 MS. KARLA LANGLOIS: Karla Langlois.  
10 That could probably be discussed with you guys at the  
11 time.

12 MS. DANI THOMPSON: Dani Thompson. My  
13 second comment is again just to get things stated on  
14 the record because we have had recent conversations.  
15 And that is obligations under schedule 1 of the  
16 Species at Risk Act, that our expectations are to  
17 include an effects monitoring plan for grizzly bear.

18 We appreciate that this didn't come up  
19 in the EA, but since the EA, the grizzly bear has been  
20 listed, and so we would anticipate that that would be  
21 included in the -- the new iteration of the WMMP.

22 MS. KARLA LANGLOIS: Karla Langlois.  
23 Absolutely, we'll take that into consideration, and  
24 it's just based on our conversations recently. We  
25 have been working towards collecting some grizzly bear

1 stuff for you.

2 MS. DANI THOMPSON: Excellent. Thank  
3 you for that. Dani Thompson, Parks Canada.  
4 Continuing on with grizzly bear, we also provided some  
5 comment with regards to developing a bear management  
6 plan that's specific to Prairie Creek operations. Our  
7 expectation is that a bear management plan will  
8 include specific response operations according to  
9 various bear behaviors.

10 And the reason why I bring this up is I  
11 think it's important to consider grizzly bears  
12 specifically, particularly important family units such  
13 as a sow with cubs and how we will manage, you know,  
14 potentially escalating situations with -- with those  
15 animals.

16 MS. KARLA LANGLOIS: Yes, Canadian  
17 Zinc did commit to developing -- oh, Karla Langlois --  
18 Canadian Zinc did commit to developing a bear  
19 management plan.

20 MS. DANI THOMPSON: Thank you. Dani  
21 Thompson. And just to confirm that we're more than  
22 happy to work with you on that. We do have an  
23 existing framework that we employ in Nahanni National  
24 Park Reserve. And yeah, we would -- we would be more  
25 than happy to share that with you.



1 MS. KARLA LANGLOIS: Karla Langlois.

2 Yes, thank you.

3 MS. SARAH ARNOLD: Sarah Arnold, with  
4 Parks Canada. So just sort of following up on your  
5 comments there about the phase 1 WMMP and without  
6 knowing what components of the -- the current draft  
7 that that will encompass, one of the things that we  
8 had asked about -- and I believe also ENR -- was kind  
9 of the -- the kinds of training that will be required  
10 for the -- the Dene monitors who will be completing  
11 the vast majority of the work under the WMMP,  
12 including things like human wildlife conflict  
13 management.

14 And given the timeline that you're now  
15 proposing for project development and phase 1, can you  
16 give us an update on when you foresee having the  
17 trained Dene monitors in place to do things like pre-  
18 construction surveys?

19 MR. DAVID HARPLEY: It's Dave Harpley.  
20 We probably need to give that a little more thought.  
21 I'm also going to invite Dieter Cazon from LKFN to  
22 provide comment because it's maybe likely that we  
23 already have Dene monitors with suitable training.

24 I think also, you'd have to be more  
25 specific about training you see as being necessary and

1 maybe we need to have a three-party conversation on  
2 that because we want to make sure that the Dene  
3 monitors are doing the monitoring because we have  
4 committed that they will.

5 MR. DIETER CAZON: Are you just  
6 referring in regards to actual bear monitoring?  
7 Dieter Cazon.

8 MS. SARAH ARNOLD: Sarah Arnold, with  
9 Parks Canada. Just more generally, we had noted  
10 that -- that under the WMMP, the Dene monitors have a  
11 lot of different roles. So that includes conducting,  
12 you know, a very wide variety of different surveys and  
13 not just under the WMMP either. You know, things  
14 like water monitoring and -- and various other  
15 monitoring that's under different plans. So a wide  
16 variety of monitoring.

17 But also, you know, human wildlife  
18 conflict and even things like spill response. And all  
19 of those, you know, have different skill sets. You  
20 know, with -- with Nahanni National Park Reserve, our  
21 staff deal with a very similar range of tasks.

22 So, you know, we just -- we understand  
23 the -- the complexities involved with that, and we're  
24 just hoping for a little more detail on, you know,  
25 what Canadian Zinc and -- and the Indigenous partners

1 were considering for, you know, training for that and,  
2 you know, how you were hoping to have that in place so  
3 that, yes, the -- the Dene monitors can be working on  
4 this project from the get-go, which I think is what  
5 everyone would love to see happen.

6 MR. DIETER CAZON: Dieter Cazon. I  
7 believe we're still conversing in regards to the scope  
8 of all the work that the Dene monitors will be doing.  
9 But we do need to have more conversations in regards  
10 to stuff like the actual, like, interaction with  
11 bears. So I need to get a little more information  
12 about that.

13 MR. DAVID HARPLEY: It's Dave Harpley.  
14 And just to add to that, part of those discussions  
15 include provision for training. We just haven't got  
16 to the specifics of when and how many. But clearly,  
17 we need -- we need to get to that before the phase 1  
18 construction.

19 MS. SARAH ARNOLD: Sarah Arnold, with  
20 Parks Canada. Great. Thanks very much. And, you  
21 know, even though our staff, I think -- you know, we  
22 may have somewhat different expectations for training  
23 between our staff and -- and the monitors, but we'd  
24 certainly be happy to discuss the kinds of training  
25 that our staff undertake to perform these kinds of

1 roles if that's of interest.

2 MR. DIETER CAZON: Dieter Cazon. It  
3 will be. Thank you.

4 MR. DAVID HARPLEY: Sorry. It's Dave  
5 Harpley. I'm not sure what you're talking about, but  
6 I wanted to have a follow-up before you move on.

7 So I'm just thinking about that  
8 response and your reply. And it seems that you're  
9 suggesting that there is a standard of training that  
10 you have, and you're suggesting that we have the same  
11 standard. So firstly, I want to confirm that that's  
12 correct and, secondly, if it's necessary.

13 THE FACILITATOR STODDART: Allison  
14 Stoddart, with Parks Canada. Just while they're  
15 discussing a response to David's question, I just have  
16 another quick question with regards to training.

17 So we were just wondering if the more  
18 specific types of surveys -- like nest surveys or bear  
19 den surveys or, you know, identifying certain species  
20 in an area -- we're just wondering if there will be --  
21 in those kinds of situations, if there will be an  
22 individual or folks on site with that specific kind of  
23 expertise, along with the Dene monitors or obviously a  
24 Dene monitor with that specific expertise.

25 MR. DAVID HARPLEY: It's Dave Harpley.

1 Yeah. I think that we could assume that for specific  
2 surveys that the appropriately trained professional --  
3 biologist -- would be doing the work. It would  
4 probably be unreasonable to expect that Dene monitors  
5 have received that much training that they could do it  
6 by themselves. Obviously, that's going to develop  
7 over time. But yeah, it would be professional led, as  
8 appropriate.

9 THE FACILITATOR STODDART: Thank you.  
10 Allison Stoddart, with Parks Canada.

11 So then, will that be outlined in the  
12 WMMP specifically which surveys will have which  
13 associated expertise leading that survey so that  
14 there's a guarantee that those surveys are -- are  
15 being done in -- in a systematic, sort of professional  
16 format?

17 MR. DAVID HARPLEY: Dave Harpley.  
18 Yes.

19 MS. SARAH ARNOLD: Sarah Arnold, with  
20 Parks Canada. Thanks for your questions, David. That  
21 was -- so you're asking if we had the expectation that  
22 the Dene monitors would have identical training or,  
23 you know, the same standards, and that's not at all  
24 what the -- the point of our question.

25 We have training requirements for our

1 staff based on the particular tasks that they  
2 undertake. Some of those may be similar, but that is  
3 also, you know, Parks Canada's decision as to what  
4 training they would like their staff to have to  
5 perform those tasks.

6                   You may have different standards. So  
7 that's fine. We're more just offering that, you know,  
8 sort of based on our experience, if you would the  
9 information on what we required for our staff for some  
10 of those tasks that we would be happy to provide that.

11                   And whether or not you want that  
12 similar training is up to you, but it's going to  
13 depend on the tasks that the Dene monitors are  
14 performing, and it's going to depend on the standards  
15 that you want to meet.

16                   Right now, however, we have no  
17 information on those standards, and it sounds like you  
18 still have those discussions to come, so.

19

20   (BRIEF PAUSE)

21

22                   MS. SARAH ARNOLD: Sarah Arnold, with  
23 Parks Canada. Just had a little bit of a follow-up to  
24 some of our questions regarding wildlife crossings.  
25 So PCA 69 and 71, we had some questions relating to --

1 to wildlife crossings and the identification of  
2 hotspots.

3                   Just wanted to note regarding your  
4 response about habitat suitability and least cost path  
5 modeling that's being done, just that that is based on  
6 our discussions only for caribou at this point and  
7 along, you know, a portion of the road. So it's not  
8 addressing kind of wildlife crossings along the whole  
9 of the road or for other species than caribou.

10                   So I guess this is more just a comment  
11 or a recommendation that we felt that it would be  
12 better to still try to identify some of those hotspot  
13 locations and crossing locations ahead of operation,  
14 rather than following several years of operation as  
15 it's currently proposed so that preemptive mitigations  
16 can be implemented.

17                   And we'd suggest that there may be some  
18 alternative methods that you could use to gather that  
19 information, and we can discuss further if you've got  
20 interest, something like, for instance, a winter track  
21 survey in phase 1 or as the monitors are proceeding  
22 ahead of construction, that they're noting existing  
23 wildlife crossings at that point, so that you can put  
24 in things that, you know, potentially adaptive  
25 management measures that deal not just with changing

1 traffic but look at easing wildlife movements. So  
2 that may be managing snowbank or windrows, things like  
3 that, that allow for easier crossing at those hotspot  
4 locations.

5 MS. KARLA LANGLOIS: Karla Langlois.  
6 Yes, we would like to have those conversations with  
7 you.

8 MS. SARAH ARNOLD: Great. Thanks,  
9 Karla. Sarah Arnold, with Parks Canada. The other --  
10 so one question we did still have remaining to  
11 wildlife crossings was regarding measure 6-3.C  
12 (phonetic), which requires the installation of a  
13 remote camera trap system to identify wildlife  
14 crossing areas and to monitor especially non-mine  
15 related traffic.

16 So we're well aware, based on our  
17 discussions, that you are planning on installing a  
18 remote camera monitoring program related to northern  
19 mountain caribou, but this is over a portion of the  
20 road with a very specific and must more intensive kind  
21 of focus.

22 So I was wondering if you could confirm  
23 if you're still going to be implementing remote  
24 cameras along the rest of the road in accordance with  
25 measure 6-3.



1 MR. DAVID HARPLEY: It's Dave Harpley.  
2 I believe we're already on record as committing to  
3 remote camera use at the eastern end of the road in  
4 the checkpoint area, particularly for periods when the  
5 checkpoint isn't staffed.

6 MS. SARAH ARNOLD: Thank you. Sarah  
7 Arnold, with Parks Canada. Yeah. So we -- we have  
8 noted that. Thanks, David. Our concern with that is  
9 that doesn't necessarily meet the intent of that  
10 measure in terms of wildlife crossings along the rest  
11 of the road.

12 So it -- it's looking at traffic  
13 management at one point, and then the -- I guess  
14 the -- the cameras from the northern mountain caribou  
15 study may monitor traffic around the mine and along  
16 the first sort of 65 kilometres of the road. But  
17 there is a -- a portion where the intent of that  
18 measure is -- may not be met for wildlife crossings  
19 and traffic.

20 MR. DAVID HARPLEY: Dave Harpley.  
21 I -- I think we'll have to take this conversation  
22 offline and discuss it further.

23 MS. SARAH ARNOLD: Sarah Arnold, with  
24 Parks Canada. Thanks, David. Yeah, we can certainly  
25 discuss that further.

1                   So the final question that I had was  
2 just regarding PCA comment number 96. So we'd ask at  
3 that point for basically a GAP (phonetic) analysis of  
4 caribou baseline, and we're really pleased to see your  
5 response that you're willing to do that. Just  
6 wondering if you had a timeline for expecting to  
7 complete that?

8                   MS. KARLA LANGLOIS:    Karla Langlois.  
9 In the next week or two (2).

10                  MS. SARAH ARNOLD:   Sarah Arnold, Parks  
11 Canada. Thanks. That's great news.

12                  MS. DANI THOMPSON:   Dani Thompson,  
13 Parks Canada. I just had one final -- again, it's  
14 really just a comment to get on record.

15                  So recognizing our recent conversations  
16 with pika being a species at risk, and our  
17 conversation pertaining to our recommendation that you  
18 consider all suitable pika habitat, subject to  
19 adaptive management mitigations during the  
20 construction phase of the project regardless of  
21 whether talus patches were deemed to be active or  
22 inactive during surveys.

23                  So the reason for this, of course, is  
24 that pika operate under an extinction recolonization  
25 framework, meaning that inactive talus patches

1 frequently become active so long as the habitat is  
2 deemed suitable.

3 MR. DAVID HARPLEY: It's Dave Harpley.  
4 Again, for everybody else's benefit, it will probably  
5 be useful to summarize the related part of our  
6 discussion on this aspect. And which is that  
7 particularly in lower Sundog where we're trying to  
8 tuck the road into the -- the slope, there is a bit of  
9 a competition in terms of moving the road as far off  
10 we can to minimize aquatic habitat loss and then in  
11 doing so potentially removing potential habitat for  
12 pika.

13 What we have said is that there are  
14 some locations where there are some inactive sites  
15 where we have opportunity to further move the road off  
16 of the flood plain. So our proposal was to defer the  
17 survey to reconfirm it's inactive, and at that -- that  
18 point, it provides an opportunity to further minimize  
19 aquatic habitat loss.

20 So I don't know that we've -- I think  
21 your answer to that was -- I guess our point was in  
22 our estimation, pika habitat is not limiting in the  
23 area. There are, I think, maybe a dozen currently  
24 active sites or current -- or active or -- and  
25 inactive, and there's many, many locations for pika in

1 the entire stretch and -- and adjacent to those  
2 locations.

3                   So I guess I'm still not completely  
4 understanding how you Parks are going to deal with  
5 that kind of balancing act and if you can shed any  
6 light on that.

7                   MS. DANI THOMPSON: Dani Thompson,  
8 Parks Canada. David, I -- I would have to agree with  
9 you. This is not an easy challenge to overcome,  
10 and -- and I think that more information is required,  
11 particularly one thing that might be helpful for us to  
12 assess -- how much pika habitat would be impacted --  
13 is to summarize potentially in a table, you know, the  
14 total amount of talus patches that have been surveyed  
15 that are considered good quality habitat.

16                   Of those, how many are active? How  
17 many are inactive? And then show your proposed borrow  
18 sites. And then we can look at the proportion of  
19 potential impact versus existing habitat.

20                   MR. DAVID HARPLEY: Dave Harpley.  
21 Yeah. That seems like a good approach.

22                   MS. DANI THOMPSON: Dani Thompson.  
23 Thanks for that.

24                   Dani Thompson, Parks Canada. Can you  
25 confirm that that will be included in the next

1 iteration of the WMMP, please.

2 MS. KARLA LANGLOIS: Karla Langlois.

3 Yes.

4 MS. DANI THOMPSON: Dani Thompson.

5 Thank you.

6 THE FACILITATOR HOTSON: Chris, with  
7 the Board. That concludes Parks' questions on the  
8 WMMP. I still don't like the word wimp. I think it  
9 just is politically incorrect in this day and age,  
10 so...

11 Anyways, we'll move on to Kathy, and I  
12 think if you have no questions, there was also a  
13 comment from LKFN. No.

14 DR. KATHY RACHER: Kathy Racher here.  
15 We didn't have any specific comments I don't think on  
16 the WMMP.

17 We did -- LKFN, I notice, wanted at the  
18 tech session to talk about options or examination of  
19 best practices for controlled access of -- of the  
20 road. I -- so I don't know if that's a topic of  
21 conversation that -- that is relevant to the permits  
22 or how that's going to work. I have never -- never  
23 permitted a road before.

24 But I did notice that ENR had a number  
25 of comments on that as well. So I'm just throwing it

1 out there as a possible topic. I don't have anything  
2 to add. It's just that the LKFN asked if that could  
3 talked about: best practices or comments on  
4 controlled access for the road.

5 THE FACILITATOR HOTSON: So pending  
6 sort of a formal question, is CanZinc able to provide  
7 sort of an outlook on any kind of proposed access  
8 controls, restrictions?

9 MR. DAVID HARPLEY: Dave Harpley.  
10 I -- I think they're already written in the draft  
11 traffic control plan.

12 DR. KATHY RACHER: Kathy Racher. So  
13 are those -- again, I'm not sure what the -- the thing  
14 is, if there's conditions that go in the permit or if  
15 that will just be part of the traffic control plan or  
16 section of the road operation plan. What's the common  
17 practice? I'm just asking Board staff.

18 MR. JULIAN MORSE: Julian Morse, with  
19 the Board. This might be one that we have to look  
20 into a little bit more, but I think that in terms of  
21 the fact that the traffic control plan is going to be  
22 something that's required in a -- in a permit or  
23 licence that the schedule, which outlines details  
24 which are to be included in the plan, certainly that's  
25 something that could be included in the schedule, I

1 think.

2 I can't commit outright to that. I  
3 think that we'd have to do a little bit of checking in  
4 terms what the Board's jurisdiction is related to --  
5 to control, but certainly, having something included  
6 in a plan is -- is typical of how we deal with other  
7 things. So I think it's probably possible to -- to  
8 require that.

9 But, I mean, of course we have it on  
10 the record now. So it's -- it's something that we'll  
11 be considering in -- in drafting the licence and  
12 permit conditions and addressing in -- in reasons, so.

13 MR. TRACEY COVEY: Tracey Covey, with  
14 Territory Lands Admin. I might be able to clarify  
15 this a bit. Usually with linear structures and  
16 features like lands -- or sorry -- like a road or a  
17 pipeline, the -- a lease is not granted because that  
18 would give exclusive title to that land and control of  
19 access.

20 So generally, lands administration will  
21 issue something called a licence of occupation. I've  
22 only been in this job for a month and a half, but  
23 that's the sort of thing that will always have a  
24 clause in there assuring access once construction's  
25 over, sort of thing.

1                   So that's my understanding of what this  
2 loophole that we're missing is probably involved  
3 something called a licence of occupation. But I  
4 haven't followed the last file, the last road that  
5 went through, and seen where that went yet. But...

6                   DR. KATHY RACHER:     Kathy Racher.  
7 Yeah. I guess there's -- there's two (2) aspects of  
8 the controlled access. One is -- is about invasive  
9 species and -- and like bison and, you know, trying to  
10 control their access. But -- but also, the community  
11 members don't want there to be hunting on the road.  
12 They don't want people accessing the road to -- for  
13 hunting. They just don't think it's appropriate.

14                   So that -- that maybe that -- that's a  
15 separate issue, and that can't be dealt with in a  
16 permit. That's probably a lease issue.

17                   MR. ALEX POWER:     Alex Power. If I  
18 could chime in for probably the only time I'm going to  
19 say anything. Road access has been an ongoing issue  
20 with roads, including Tibbitt-to-Contwoyto, Bullmoose-  
21 Ruth access road, and it's -- it's frequently the same  
22 things. And it was addressed in -- you know, it was  
23 addressed in tazor (phonetic); it's been addressed in  
24 all these things.

25                   And I know it's -- it's an ongoing



1 issue, so I mean certainly if interested parties were  
2 to look to some of those, they might find some  
3 guidance. But I know that often multiple groups come  
4 away dissatisfied with the ability control access  
5 because again, you know, it's not often, you know,  
6 like a private road. You don't own the spots. You  
7 can't restrict access to it, but that's my memory of  
8 these things.

9 MR. JULIAN MORSE: Julian Morse, for  
10 the Board. And just to be absolutely clear here,  
11 it's -- what I was referring to earlier is if there  
12 were to be a schedule related to this plan, then the  
13 schedule might require that CanZinc kind of outline  
14 how they -- they plan to control access. But  
15 certainly, it would not be typical, and I don't  
16 think -- well, certainly I haven't seen the Board  
17 include conditions in a permit that actually require  
18 the permitted to -- to restrict access.

19 I think that would be something that  
20 would go outside of -- of jurisdiction related to the  
21 MVRMA. So of course, I can't speak to Parks. They --  
22 they're in a completely different boat, but that's  
23 just to clarify things a little bit that CanZinc may  
24 speak to access controlling the plan itself but that  
25 permit conditions don't typically address that kind of

1 thing.

2 THE FACILITATOR HOTSON: Is that  
3 adequate, Kathy? Okay. Nothing further? Okay.  
4 Chris, with the Board. Sorry. James, you're on.

5 MR. JAMES HODSON: James Hodson, with  
6 ENR Wildlife Division. I guess the main thing we  
7 wanted to bring up today was to reiterate a question  
8 that Parks Canada had with respect to measure 6-3,  
9 part C about the use of remote camera to identify  
10 wildlife crossings along the -- the length of the  
11 road, not just the camera at the checkpoint station.

12 We have had conversations in the past  
13 with Canadian Zinc's consultants about this. They've  
14 proposed a winter track survey. We still have  
15 reservations about that because it only provides a  
16 snapshot of what's going on in winter. It doesn't  
17 provide the year-round coverage that remote cameras  
18 do.

19 So we would like to be a part of that  
20 conversation with Parks Canada about remote camera  
21 traps as well if Canadian Zinc is interested.

22 THE FACILITATOR HOTSON: You're joking  
23 me. That's not all you have to say about the WMMP, is  
24 it?

25 MR. JAMES HODSON: Well -- James

1 Hodson again here -- I really don't have much to say  
2 about the WMMP at this time because most of the  
3 Proponent's responses to our recommendations indicated  
4 that they would be providing an updated version of the  
5 WMMP. So it's impossible for me to say whether our  
6 recommendations have been addressed or not until we  
7 get the next version of the plan.

8 THE FACILITATOR HOTSON: Okay. Hi,  
9 Julian.

10 MR. JULIAN MORSE: Hi. It's Julian  
11 Morse, with the Board. Just while we have you here on  
12 the hot seat, I just wanted to note that while the  
13 Board doesn't have jurisdiction to include wildlife  
14 specific conditions, of course, as noted by Chris  
15 earlier, we do have habitat-related provisions that  
16 are -- that are allowed for under the MVRMA.

17 So as you've missed most of the  
18 discussion, but we've been talking throughout the past  
19 few days about drafting a permit and licence. So we  
20 noted that -- that ENR did not make any  
21 recommendations as to habitat-related conditions that  
22 they'd like to see in a permit or licence and their  
23 comments on the first iteration of the drafts.

24 And so just kind of, I guess, putting  
25 it out there on the record as a reminder that if GNWT

1 doesn't want to see anything -- and this goes to  
2 anybody around the table -- if they do want to see  
3 habitat-related provisions in a draft permit,  
4 certainly now is a good time to tell staff about that  
5 or, you know, in comments on the drafts when they go  
6 out.

7                   But communicating with us now allows us  
8 to put it in the draft for everybody to see and  
9 comment on. So just a note for the record. No need  
10 to respond to that if you don't have one, but I'm just  
11 putting it out there.

12                   DR. KATHY RACHER: Kathy Racher. I  
13 don't know if we're moving on or not. But before we  
14 do, I know that LKFN has some wildlife people on the  
15 phone. So I was just going to point out to make sure  
16 to ask them if they have any questions before we move  
17 on.

18                   THE FACILITATOR HOTSON: Yes. This is  
19 Chris, with the Board.

20                   MS. ALLIE MAYBERRY (BY PHONE): Yes,  
21 that's correct. Allie Mayberry here on the line.  
22 Just letting you know that I am around and just  
23 holding on for a time when it's appropriate for folks  
24 on the line to speak.

25                   THE FACILITATOR HOTSON: Okay. Chris,

1 with the Board. I'll go around the table and see if  
2 there's any outstanding comments first.

3                   Hearing none -- oh, okay. Parks --  
4 Parks wants a one clarification.

5                   THE FACILITATOR STODDART: Allison  
6 Stoddart, with Parks Canada. I just have one question  
7 with regards to birds. I recognize you've been  
8 working with ECCC on analyzing the data that you  
9 collected with the recorders. And I'm -- I'm just  
10 wondering if there's a timeline on when we will see  
11 the results of that analysis.

12                   MS. KARLA LANGLOIS: Karla Langlois.  
13 In approximately one (1) month.

14                   THE FACILITATOR STODDART: Allison  
15 Stoddart, Parks Canada. Thanks.

16                   THE FACILITATOR HOTSON: Chris, with  
17 the Board. Just before I go on for my own interest  
18 sake, so it's -- is it Josh and Allie that are on the  
19 phone with SVS? Or Keegan?

20                   MS. ALLIE MAYBERRY (BY PHONE): It's  
21 Keegan and Allie, yeah.

22                   THE FACILITATOR HOTSON: Right, okay.  
23 And did you work with LKFN on the Enbridge file?

24                   MS. ALLIE MAYBERRY (BY PHONE): Yes,  
25 we did.

1 THE FACILITATOR HOTSON: Oh, okay.

2 Okay. There was a sort of background twinkling here  
3 in my mind about the hearing in Fort Simpson, and now  
4 the puzzle pieces have fallen together for me. So  
5 welcome. Thanks.

6 MS. ALLIE MAYBERRY (BY PHONE): Thank  
7 you.

8 THE FACILITATOR HOTSON: So we have  
9 met before.

10 MS. ALLIE MAYBERRY (BY PHONE): Yeah.  
11 That wouldn't have been either Keegan or myself --

12 THE FACILITATOR HOTSON: Okay.

13 MS. ALLIE MAYBERRY (BY PHONE): -- up  
14 at the -- the hearing, but we worked behind the scenes  
15 on the file stage through the office.

16 THE FACILITATOR HOTSON: Okay. Okay.  
17 So if you would like to go ahead?

18 MS. ALLIE MAYBERRY (BY PHONE): Sure.  
19 Yeah. I mean, like I mentioned on the first day, I  
20 just also kind of state for the record that there's an  
21 overall broad sweeping comment that there's a lot of  
22 inconsistency and overlap between some of the measures  
23 in the WMMP versus those that are outlined and things  
24 like the traffic control plan, et cetera.

25 And I might -- Kathy, I might put you

1 on the spot here as well a bit 'cause we were behind  
2 the scenes having a conversation about what might be a  
3 better way to make sure that those inconsistencies  
4 aren't in place.

5                   So we had discussed the idea of a new  
6 approach where CanZinc could basically append several  
7 wildlife mitigation-related standard operating  
8 procedures, based on content that's from the WMMP and  
9 apply them to the various management plans. You know,  
10 that includes road construction, borrow pits, explicit  
11 management plan, the whole shebang.

12                   And so I don't know. Kathy, do you  
13 want to expand on that a little bit?

14                   DR. KATHY RACHER: Hi, it's Kathy  
15 Racher. Yeah, we were -- I guess we sort of have been  
16 tossing around different ideas of how to make the  
17 mitigations and monitoring efforts consistent across  
18 all the plans. And there's -- obviously there's a lot  
19 of monitoring in the WMMP.

20                   And so one of the ideas we had was if  
21 there was SOPs attached to the WMMP that had some  
22 detail procedures for monitoring and/or -- and for  
23 mitigations that could just be referenced in the other  
24 plans, that might be a way of -- of ensuring there's  
25 consistency and ensuring that people that are reading,

1 say, the -- or following the road operations plan,  
2 they just -- they know to refer to SOP 5 in the WMMP  
3 for whatever they have to do and then all those  
4 procedures and then approved as part of the WMMP.

5 And if they change in the WMMP, you  
6 know, the other document just keeps saying look at  
7 that SOP. The SOP number doesn't change. So that was  
8 an idea that we -- that we had.

9 Having -- it's Kathy Racher again --  
10 having said that, I -- you know, I'm not a wildlife  
11 person, so I don't know how feasible that is. So...

12 THE FACILITATOR HOTSON: Chris, with  
13 the Board. Thanks, Kathy. Well taken point. Allie,  
14 did you have anything further?

15 MS. ALLIE MAYBERRY (BY PHONE): No.  
16 Or sorry, not on that particular question. I don't  
17 know if anyone -- anyone else in the room wants to  
18 comment.

19 THE FACILITATOR HOTSON: Chris, with  
20 the Board. Apparently not. Go ahead with your next  
21 question.

22 MS. ALLIE MAYBERRY (BY PHONE): Sure.  
23 So my next question is -- is in a similar vein to some  
24 of the wildlife crossing questions that were asked  
25 earlier, I don't recall seeing much consideration for



1 any mitigation measures around western toads and  
2 whether certain measures like insulation of exclusion  
3 fencing or, you know, analysis behind breeding ponds  
4 and potential mass juvenile disburse zone.

5 So I just -- looking for some  
6 clarification on what mitigation measures have been  
7 thought about with regards to potential adaptive  
8 management under the western toad breeding pond  
9 mitigation monitoring plan in the WMMP.

10 MS. KARLA LANGLOIS: Hi. This is  
11 Karla Langlois. We're first going to do some baseline  
12 to determine if they are present or not. And if they  
13 are present, then mitigation and adaptive management  
14 will be developed.

15 MS. ALLIE MAYBERRY (BY PHONE): Allie  
16 Mayberry here. Thanks for that, Karla. Can you also  
17 provide a bit more information on the geographic  
18 extent of -- of the surveys?

19 MS. KARLA LANGLOIS: Karla Langlois.  
20 There -- the baseline is going to be conducted south  
21 of the river, and if they're determined to be detected  
22 south of there, then we will progressively move beyond  
23 the river, north of the river.

24 MS. ALLIE MAYBERRY (BY PHONE): Allie  
25 Mayberry here. Great. Thank you.

1 THE FACILITATOR HOTSON: Chris, with  
2 the Board. Anything further, Allie?

3 MS. ALLIE MAYBERRY (BY PHONE): Yeah.  
4 Just one final question. As I was looking through the  
5 reclamation and closure plan, I noticed that there  
6 were no -- there was no mention of any  
7 post-reclamation or post-closure wildlife monitoring  
8 or I guess specific plans to try and vegetate the area  
9 in such a way that it will support wildlife habitat.

10 I was wondering if someone could  
11 provide a bit more specific information on that as  
12 well.

13 MS. KARLA LANGLOIS: Karla Langlois.  
14 The reclamation plan is attempting to return habitat  
15 to similar conditions as they are now. And so we can  
16 assume that the wildlife habitat will be regenerating  
17 the same as with reclamation -- as reclamation  
18 progresses. Sorry.

19 MS. ALLIE MAYBERRY (BY PHONE): Allie  
20 Mayberry here. Sorry. Karla, I didn't hear the last  
21 part of what you said. Can you just repeat that once  
22 more?

23 MS. KARLA LANGLOIS: Karla Langlois.  
24 Wildlife habitat will be regrown as the road  
25 regenerates.

1 MS. ALLIE MAYBERRY (BY PHONE): Okay.  
2 Thank you. A follow-up question to that, just  
3 wondering if there have -- or if there are going to be  
4 any discussions with LKFN with regards to potential  
5 opportunities to plant harvested species, like I mean  
6 specifically plants that are used as medicines or that  
7 are consumed by the community.

8 MR. DAVID HARPLEY: It's Dave Harpley.  
9 I think it's fair to say that we'll be having  
10 discussions with LKFN and others about all aspects of  
11 the operation and development.

12 MS. ALLIE MAYBERRY (BY PHONE): Allie  
13 Mayberry here. Okay. Great. Thank you.

14 THE FACILITATOR HOTSON: Chris, with  
15 the Board. Any further questions on wildlife, either  
16 around the table or online?

17 No. All right. It's quarter after  
18 11:00. We might as well dive into our next -- do you  
19 have a question? I stand corrected. We have a  
20 question.

21 MR. JULIAN MORSE: Julian Morse here.  
22 Sorry, Chris. Keegan, could you just state your name  
23 into the record clearly. We've been having a hard  
24 time hearing it. Just want to get it on the record.  
25 Thanks.

1 MR. KEEGAN MCGRATH (BY PHONE): Keegan  
2 McGrath. I can spell it for you. K-E-E-G-A-N. And  
3 then McGrath, M-C-G-R-A-T-H.

4 MR. JULIAN MORSE: Julian. Thank you.

5 MR. KEEGAN MCGRATH (BY PHONE): You're  
6 welcome.

7 MR. DAVID HARPLEY: It's Dave Harpley  
8 here. We have our vegetation biologist in the field,  
9 and we're trying to determine when they can get to a  
10 location to actually get on the phone.

11 Apparently, she's calling in now, so  
12 maybe the timing is working out just right.

13 MR. JULIAN MORSE: If you have her  
14 name and spelling, that would be great for the record.  
15 Sorry. That was Julian.

16 MR. DAVID HARPLEY: Dave Harpley. Her  
17 name is Amy McLenaghan.

18 MS. KARLA LANGLOIS: Hi. It's Karla  
19 Langlois. M-C-L-E-N- -- oh, gosh, L-E-N-A-G-H-A-N.

20 MR. JULIAN MORSE: Julian Morse.  
21 Thank you very much. Wendy will appreciate that.

22 THE FACILITATOR HOTSON: Chris, with  
23 the Board. So we'll just hang on for a moment.  
24 Hopefully we'll somebody dial in, and once we do,  
25 we'll resume with talking about invasive species

1 management.

2 MR. DAVID HARPLEY: It's Dave Harpley.  
3 I don't know how long the invasive and rare plan  
4 sections are going to go. But if we can, I'd like to  
5 get through them even if we extend into lunch just  
6 because she doesn't want to have to run off into the  
7 field and have to come back again after lunch.

8 THE FACILITATOR HOTSON: Chris, with  
9 the Board. I was just saying the very same thing to  
10 Julian. So I think there's a pretty good chance that  
11 we could have things tidied up before lunch. And as  
12 opposed to taking a break and coming back, we might  
13 power through to the end. It might mean you miss your  
14 afternoon joke, but I think everybody would probably  
15 appreciate that.

16

17 --- Upon recessing

18 --- Upon resuming

19

20 THE FACILITATOR HOTSON: This is  
21 Chris, with the Board. Did someone just join online?

22

23 (BRIEF PAUSE)

24

25 THE FACILITATOR HOTSON: Is that your

1 -- can I have everyone's attention please, if you can  
2 take your seats. Sorry. We couldn't hear the name of  
3 the person that just joined us.

4 MS. AMY MCLENAGHAN (BY PHONE): This  
5 is Amy McLenaghan, from Tetra Tech.

6 THE FACILITATOR HOTSON: Chris, with  
7 the Board. Welcome, Amy. So we're just --

8 MS. AMY MCLENAGHAN (BY PHONE): Thank  
9 you.

10 THE FACILITATOR HOTSON: -- we're  
11 quite -- quite ahead in our agenda. That's why this  
12 is a quick call to you to get you on the line ahead of  
13 schedule.

14 So the first issue we'll be talking  
15 about is a space -- in -- Invasive Species Management  
16 Plan. And this conversation is being recorded and  
17 transcribed. So if -- whenever you speak, reply to a  
18 question, just make sure you state your name before  
19 you speak for the record.

20 And with that, I'm going to open the --  
21 the floor. We'll start with -- I was going to start  
22 with Kathy. Apparently, she's not here, so we'll go  
23 to Parks.

24

25

(BRIEF PAUSE)

1 MS. AUDREY STEEDMAN: Audrey Steedman,  
2 Parks Canada.

3 So with regards to the Invasive Species  
4 Management Plan, just one (1) comment, to begin.  
5 Parks had made a number of recommendations which also  
6 outlined some of the reported EA measure requirements  
7 in our comments, and Canadian Zinc has agreed to  
8 incorporate those changes in their next draft of the  
9 plan. So we'll be including our recommendations as  
10 draft schedule items as we draft the permit, and so  
11 we'll be looking to see those implemented in the next  
12 version.

13 And just in terms of a second comment,  
14 just in terms of proposed timing for approvals of the  
15 Invasive Species Management Plan, at this point, is  
16 Canadian Zinc proposing it as a approval prior to  
17 phase 1 or phase 2?

18 MR. DAVID HARPLEY: It's Dave Harpley.  
19 I -- I think this needs to be a phase 1 plan.

20 MS. AUDREY STEEDMAN: Audrey Steedman,  
21 Parks Canada. Great. We -- we agree. Thank you.

22

23 (BRIEF PAUSE)

24

25 THE FACILITATOR HOTSON: Again, I need

1 my -- that was the easy button from Staples. That was  
2 quick. Parks is done. Kathy, any comments? Nothing  
3 from Kathy.

4 Board staff, any questions? There was  
5 one (1) comment. Maybe it was addressed. Addressed?  
6 Okay. ENR, James, anything?

7 MR. JAMES HODSON: I'm assuming we're  
8 talking about the rare plant. James Hodson, wildlife  
9 division. No comments or questions on that.

10 THE FACILITATOR HOTSON: Chris, with  
11 the Board. Anyone else around the room? DFO?

12 MR. DAN COOMBS: I just wanted to  
13 bring it up. I'm not sure whether it's -- Dan Coombs,  
14 DFO -- whether it should live in the Invasive Species  
15 Management Plan, or it might be a nonissue, depending  
16 on where you get your contractor for. But if there's  
17 any contractors associated with North -- the North  
18 Saskatchewan River watershed, like, using pumps or  
19 anything like that, that there is a -- a notice to  
20 industry in regards to whirl -- whirling disease.

21 So I don't know if we wanted to explore  
22 best practices when it comes to cleaning equipment to  
23 ensure that whirling disease does not get into systems  
24 in Nahanni.

25 MR. JULIAN MORSE: Julian, for the



1 Board. Dan, can you just clearly state the name of  
2 that disease a bit slower for the record? Thanks.

3 MR. DAN COOMBS: Whirling disease. It  
4 affects --

5 MR. JULIAN MORSE: 'W' --

6 MR. DAN COOMBS: Yeah.

7 MR. JULIAN MORSE: Thank you.

8 THE FACILITATOR HOTSON: Chris, for  
9 the Board. Any response, or?

10 MR. DAVID HARPLEY: It's Dave Harpley.  
11 I'm not sure how to respond to that. It's kind of out  
12 of the blue, but do we know what our contractors are  
13 at this point? No. So I -- I guess the point likely  
14 would be if they come from that area, then we're going  
15 to have to think about it.

16 THE FACILITATOR HOTSON: Chris, with  
17 the Board. Is that adequate?

18 MR. DAN COOMBS: Yeah. I think it's  
19 their discussion. I mean, the Invasive Species  
20 Management Plan just -- Dan Coombs, with DFO -- the  
21 Invasive Species Management Plan just addressed the  
22 terrestrial invasive species, for the most part, so it  
23 might just be a -- an update to that, to kind of  
24 address steps, if you had pumps and -- and water  
25 equipment that was used, say, in Alberta, especially

1 in Central Alberta, because is a big issue down there  
2 that has occurred in the past year or two (2).

3 MR. DAVID HARPLEY: So Dave Harpley  
4 again. I think the aquatic professionals are aware of  
5 that, and I do know that they do clean everything  
6 before they come to the site, irrespective of where  
7 it's been before, so.

8 MR. JULIAN MORSE: Julian Morse, for  
9 the Board. David, can you commit to including  
10 considerations for this in the next iteration of the  
11 Plan?

12 MR. DAVID HARPLEY: Dave Harpley.  
13 Yes. And maybe I can prevail upon Dan to send me the  
14 details in an email or something, and then it'll make  
15 it easier that we don't get it wrong.

16

17 --- INFORMATION REQUEST NO. 13:

18

19 MR. JULIAN MORSE: Julian Morse, for  
20 the Board. I saw nodding head from Dan, so I think  
21 we've got agreement there. Okay. Great. Thanks.

22 THE FACILITATOR HOTSON: Chris, with  
23 the Board. Anyone else around the table with  
24 comments, questions for CanZinc?

25

1 (BRIEF PAUSE)

2

3 THE FACILITATOR HOTSON: Anyone  
4 online?

5

6 (BRIEF PAUSE)

7

8 THE FACILITATOR HOTSON: Okay, that  
9 concludes our agenda item on invasive species. We'll  
10 move on to rare plant management. Kathy, would you  
11 like to open? Questions?

12 DR. KATHY RACHER: Kathy Racher. No,  
13 our question was answered. Good.

14 THE FACILITATOR HOTSON: Chris, with  
15 the Board. Does that include the comments from LKFN?  
16 Yeah? Okay. Parks Canada?

17 MS. AUDREY STEEDMAN: Audrey Steedman,  
18 with Parks Canada. We'd just like to confirm with  
19 Canadian Zinc that the Rare Plant Management Plan will  
20 need to be approved prior to phase 1.

21 MR. DAVID HARPLEY: It's Dave Harpley.  
22 We'll have to talk about that. I'm -- I'm not sure we  
23 intended to do that.

24 MS. AUDREY STEEDMAN: Just can --  
25 Audrey Steedman, with Parks Canada. Just considering

1 that there's vegetation clearing associated with phase  
2 1, and that that's one (1) of the key sources of  
3 impacts to vegetation and rare plants, that's our  
4 perspective that we're considering.

5 MR. DAVID HARPLEY: Dave Harpley, but  
6 -- that's correct, but we're clearing brush and trees,  
7 we're not stripping vegetation necessarily, so we'll  
8 have to give that some thought.

9

10 (BRIEF PAUSE)

11

12 MS. AUDREY STEEDMAN: Audrey Steedman,  
13 with Parks Canada. Just moving on to a question about  
14 the mitigations that are proposed in the Plan, and how  
15 decisions will be made to implement them. We noted  
16 that Canadian Zinc, in their responses, indicated that  
17 the next version of the Plan will provide greater  
18 clarity on how those decisions will be made. So we'd  
19 just like to note that a mitigation hierarchy was  
20 provided that kind of outlines mitigations in  
21 decreasing order of preference.

22 And so first preference would be to  
23 avoid impacts, and then at -- at the bottom of  
24 mitigation hierarchy, if -- if plants are located  
25 directly in the footprint, and there's -- all other

1 mitigations have been considered and cannot be  
2 implemented, Canadian Zinc is proposing that plant  
3 specimens essentially be picked and collected as a  
4 scientific specimen.

5                   So just for the sake of clarity, we  
6 don't consider plant collections a mitigation, and,  
7 you know, we'll be looking for that greater clarity in  
8 the next version of the Plan, but we'd like to see in  
9 the decision framework, you know, a framework to -- to  
10 demonstrate a rationale for why a particular level in  
11 the mitigation hierarchy, has been chosen, and -- and  
12 justification for that.

13                   And so it was all -- just to further  
14 this comment, it's also indicated that plant  
15 relocations aren't considered an option at this point,  
16 and we would just like to comment that there may be  
17 instances where they are appropriate, and so we'd like  
18 to maintain that that be still included in the  
19 mitigation framework and considered on a case-by-case  
20 basis for -- for rare plant occurrences.

21                   MR. DAVID HARPLEY:    Dave Harpley, Amy,  
22 any comment?

23                   MS. AMY MCLENAGHAN (BY PHONE):    Sorry,  
24 this is Amy, from Tetra Tech. I would just say we  
25 need to do a little bit more research. So the species

1 may not be able to survive translocation, and we'd  
2 have to consult with Parks Canada on that as well,  
3 because if we were to relocate them, it would further  
4 disturb the park.

5                   So there's several considerations that  
6 have to be considered, but we can leave that on the  
7 table barring further research.

8                   MS. AUDREY STEEDMAN:   Audrey Steedman,  
9 Parks Canada.  Absolutely, we will look forward to  
10 those further discussions based on the revised draft  
11 and -- and considering those specifics to the -- the  
12 species on a case-by-case basis.

13                   So just one (1) additional question  
14 around the rare plant management units.  So these are  
15 -- my understanding is that these areas adjacent to  
16 the project footprint that are focused on areas where  
17 there are rare plants, and the -- essentially, they'll  
18 be used as a -- a survey area that's monitored over  
19 the life of the project to monitor for effects on rare  
20 plants and vegetation.

21                   And so it's just a bit unclear at this  
22 point if depending on how the mitigation hierarchy is  
23 implemented for rare plants that have been found  
24 already, it's not clear if any of them will be  
25 avoided.  Based on Canadian Zinc's response, it was

1 indicated that all rare plants that have been found to  
2 date are located on the project footprint.

3                   So I'm just -- perhaps it will be  
4 clarified in the next draft, but if perhaps you can  
5 comment on how rare plant management units will be  
6 delineated, if, in fact, there are no rare plants to  
7 date that will be avoided by the project footprint?  
8 Thanks.

9

10                   (BRIEF PAUSE)

11

12                   MR. DAVID HARPLEY:     Dave Harpley.  
13 Amy, you going to comment on that one?

14                   MS. AMY MCLENAGHAN (BY PHONE):     Amy  
15 McLenaghan, with Tetra Tech. I'll just add -- I -- I  
16 suspect there may still be some revisions to the  
17 footprint to some extent. So when that's been  
18 addressed in the future, we can -- we can look at  
19 those management units to see how it affects their  
20 plans.

21                   Some of the GPS locations where rare  
22 plants are found, there were several species, but then  
23 50 to 100 metres maybe from a point. So some of those  
24 species may be outside the actual footprint, but we  
25 will have to confirm that once the footprint has been

1 finalized for certain and, yeah.

2 MS. AUDREY STEEDMAN: Audrey Steedman,  
3 with Parks Canada. Thanks for that info.

4 THE FACILITATOR HOTSON: Chris, with  
5 the Board. We're going to go around the table, just  
6 to see if there's any outstanding questions for  
7 CanZinc on rare plant management. Board staff? Okay,  
8 one (1) comment, Julian?

9 MR. JULIAN MORSE: Thank you. It's  
10 Julian Morse, with the Board.

11 So as parties are -- are likely aware,  
12 or might have been aware, there was a suggestion in  
13 the EA that although the Rare Plant Management Plan  
14 measures focused on Parks, suggestion 11-2 (phonetic)  
15 recommended that the Mackenzie Valley Land and Water  
16 Board consider it. As such, Board staff did include  
17 this in the preliminary draft for consideration.

18 And just noting that when this  
19 iteration goes out -- or sorry, when the drafts go out  
20 again, we'll -- we'll keep in there, and are looking  
21 for -- for comments from parties regarding the timing  
22 of the plan that they'd like to see it imp --  
23 implemented, and, you know, support or lack thereof  
24 for including the plan in the final permits to be  
25 issued by the Board. Thanks.



1 (BRIEF PAUSE)

2

3 THE FACILITATOR HOTSON: Any -- Chris,  
4 with the Board. Any comments, questions from ENR?

5 MR. JAMES HODSON: James Hodson. No  
6 comments.

7 THE FACILITATOR HOTSON: Chris, with  
8 the Board. DFO? DFN? NPMO? Lands? Going around?  
9 CIRNAC? ECCC? Parks is done.

10 Simon's over there in the corner. If  
11 you don't know Simon, welcome. Sorry, Jeremy  
12 (phonetic). I got the name wrong. The wrong person  
13 at the Board. Jeremy. Yeah.

14 Okay. At this point, we've concluded  
15 all the -- online, sorry. Questions online?

16

17 (BRIEF PAUSE)

18

19 THE FACILITATOR HOTSON: Okay, so at  
20 this point, we've concluded the main agenda items. I  
21 just want to go around the table again. This is for  
22 any topic that we've discussed in the last three (3)  
23 days, or any topic that you have wished you would have  
24 brought up and you're now regretting your quietness.

25 UNIDENTIFIED SPEAKER: It looks like

1 David's got some regrets.

2 THE FACILITATOR HOTSON: David has  
3 regrets, oh, no. I have a joke for you, David, but  
4 I'll save it for later. Go ahead.

5 MR. DAVID HARPLEY: It's Dave Harpley.  
6 Well, I definitely have regrets, but it's not about  
7 this.

8 I just wanted to say, Amy, thank you,  
9 and now you can go.

10

11 (BRIEF PAUSE)

12

13 THE FACILITATOR HOTSON: Chris, with  
14 the Board. Tracey, be careful what you put -- do with  
15 your hand, there.

16 Okay, going around the table, anyone  
17 with any comments or questions outstanding in general?  
18 You do?

19 MR. JULIAN MORSE: Yeah. Thank you,  
20 Chris. It's Julian, with the Board. There's just a  
21 couple of timing issues with IRs that I wanted to  
22 figure out and hopefully get comments from CanZinc on  
23 the record.

24 The first one (1) was IR number 8  
25 related to security and the IRs for CanZinc to provide

1 updated security estimates divided by project phase to  
2 inform GNWT, ENR, CIRNAC, and Parks' final estimates.  
3 David, do you have an update for us as to the timing  
4 that you could provide that updated estimate by?

5 MR. DAVID HARPLEY: Dave Harpley.  
6 Three (3) weeks.

7 MR. JULIAN MORSE: Three (3) weeks?  
8 Okay. Julian, with the Board. Thank you.

9 There's one (1) other for timing that  
10 we didn't get finalized, and that was IR number 12,  
11 which is the revised approach to Sundog  
12 preconstruction with revised baseline monitoring plan.  
13 We were talking about the first week of July, so we  
14 want to establish a date there.

15 MR. DAVID HARPLEY: Dave Harpley.  
16 Yeah, and then John discovered he was on vacation,  
17 which is peculiar they didn't know that at the time,  
18 but so we're going to suggest the middle of July.

19 MR. JULIAN MORSE: Julian Morse, with  
20 the Board. Let me just quickly check a calendar and  
21 we'll find a date that makes sense there.

22 Tuesday, July 16th? Or -- wait.

23 Yeah, okay. Yeah. This is for Sundog.  
24 Sorry, it's -- it's still Julian Here.

25

1 (BRIEF PAUSE)

2

3 MR. JULIAN MORSE: Okay. It --  
4 something that we're just noting here is that 16th of  
5 July is the date that we have set for draft water  
6 licence and land use permits to be distributed. This  
7 is information which would be helpful for Parks in  
8 drafting. Therefore, I'm wondering if CanZinc could  
9 be flexible and -- and commit to an earlier time.

10

11 (BRIEF PAUSE)

12

13 MR. JULIAN MORSE: It's okay? Would  
14 CanZinc be able to commit to July 10th, which is  
15 midweek second week of July?

16 MR. DAVID HARPLEY: Dave Harpley. If  
17 -- if that's the best we can do, then we'll do it --  
18 or, rather, John will do it, and he'll bitch and moan,  
19 but too bad.

20

21 (BRIEF PAUSE)

22

23 MR. JULIAN MORSE: Well, I mean, I  
24 guess the question is -- sorry, it's Julian, with the  
25 Board. I -- I mean, is this absolutely integral to

1 Parks getting their drafts prepared? Because if it  
2 is, I mean, let's -- let's establish a date. If not,  
3 let's not unduly burden poor John Wilkins Coxen  
4 (phonetic) when he's on vacation, so, okay.

5                   Okay. It -- it's looking like it's  
6 going to be okay. So let's set July 16th as the date,  
7 and that's the date that I'll record into the IR.  
8 Thank you. That's it for me, Chris.

9                   THE FACILITATOR HOTSON: Chris, with  
10 the Board. Further questions from Board staff? From  
11 ENR? Nothing? DFO? DFN? Lots of 'D's here. NPMO?  
12 Nothing from Tracey. Dieter, all good? Kathy?  
13 Dinah? Good. Okay. Back in the corner? David...?

14                   MR. DAVID HARPLEY: Dave Harpley.  
15 Assuming everybody else has had their opportunity, I -  
16 - I guess I wanted to ask, and I'm -- I'm not sure  
17 what the answer to this is, but I'm thinking about  
18 particularly the phase 1 plans. It would help us to  
19 know what they are -- all are as soon as possible. I  
20 don't know if we have to wait to the logical process  
21 step, or whether you might assume it as an IR, for  
22 example, but we'd just like to get on with it.

23

24

(BRIEF PAUSE)

25

1                   MR. JULIAN MORSE:    It's Julian Morse,  
2 with the Board.  I'm going to suggest that -- that  
3 what we do -- do to establish clarity for CanZinc here  
4 is perhaps to include an IR that we'd like CanZinc to  
5 illustrate a -- a list of the plans that they think  
6 are the phase 1 plans.  Staff will receive that on the  
7 record, and of course, include that list of plans for  
8 parties to comment on in the drafts.

9                   I mean, ultimately, we can't tell you  
10 exactly what they're going to be, because of course,  
11 that will be a call made by the Board when they make  
12 their decisions.  But, you know, to give CanZinc some  
13 clarity, we can certainly let CanZinc know, you know,  
14 at -- pretty closely after we receive them, whether we  
15 are -- whether your thoughts on the phase 1 plans jive  
16 with our own, and if there are differences, we can  
17 talk about them, but it'll be something that'll put  
18 out -- be put out for discussion with the drafts.

19                   Does that give you enough clarity?  I'm  
20 seeing a half nod from David, so that -- I think  
21 that's -- a Friday afternoon nod, we'll call it.  
22 Okay, so I'll record that as IR number 13, CanZinc to  
23 provide a list of phase 1 plans for submittal to the  
24 Board and Parks Canada.  And, of course, Board and  
25 Parks Canada staff will include that list for comment

1 by parties in the drafts. Thanks.

2

3 --- INFORMATION REQUEST NO. 13: CZN to provide list  
4 of plans they expect  
5 to submit for Phase  
6 I of the project.

7

8 MR. ALAN TAYLOR: It's Al -- Alan,  
9 here, CanZinc. So when can we expect the final  
10 versions of the IR requests? I just wonder if I can  
11 keep Dave busy on the plane ride home.

12 MR. JULIAN MORSE: Julian, with the  
13 Board. I have given David a document with the drafts,  
14 which I can do again at the end of this session, and  
15 of course, the finals are set to go out, I believe,  
16 July 11th. July 11th is when the finals -- sorry,  
17 June 11th. I'm getting ahead of myself, here. All  
18 this warm weather we've been having, I guess I've been  
19 feeling like it's summer.

20 Yeah, June 11th, it will be coming as  
21 finals from Board and Park staff, and David, I can  
22 make sure you get a copy of the draft right after this  
23 meeting.

24 MR. DAVID HARPLEY: So -- Dave  
25 Harpley, again. Before we close, I just wanted to

1 reiterate our request to have a caucus with the Board  
2 and Parks after we finished.

3 THE FACILITATOR HOTSON: Chris, with  
4 the Board. Are you going to let us have lunch? No?  
5 Man, you don't know what it's like to work for  
6 government, apparently.

7 So I want to go around -- any last  
8 questions. Anybody have any closing comments? I'll  
9 have a few closing comments, and I'm sure Allison  
10 might as well. Alan, go ahead.

11 MR. ALAN TAYLOR: Yeah. It's Alan,  
12 with CanZinc.

13 I think it was a very productive  
14 session, and I thank everybody for attending here.  
15 Hopefully it resolved and clarified a lot of aspects  
16 of the all-season road, and hopefully this will result  
17 in moving the schedule forward as planned here. And  
18 thanks, everybody.

19 THE FACILITATOR HOTSON: Chris, with  
20 the Board. Thank you, Alan. Other comments?  
21 Anything you'd like to say, Allison?

22 THE FACILITATOR STODDART: Allison  
23 Stoddart, with Parks. Yeah, we'll just echo the same  
24 thing. I think this was very helpful for us, and  
25 we'll be looking to a lot of you in the -- in the



1 coming months when we're developing our license and --  
2 and permit to, you know, to make sure we're doing it  
3 right. So thanks very much for the time you put  
4 towards this, and we look forward to working with you.

5 THE FACILITATOR HOTSON: Chris, with  
6 the Board. Anyone online, closing questions or  
7 comments?

8

9 (BRIEF PAUSE)

10

11 DR. KATHY RACHER: Kathy Racher. I --  
12 I'm not online, but I have a comment -- just a closing  
13 comment to thank everyone for their very detailed  
14 comments. You know, working with the Bands, we don't  
15 have capacity to look -- and we don't have the huge  
16 expertise that -- that's in this room, here, to look  
17 at every single thing.

18 So all of your detailed work was much  
19 appreciated. So -- and -- and we kind of rely on --  
20 on what you -- you -- you guys come up with as well.  
21 So thank you for that.

22 THE FACILITATOR HOTSON: Thank you,  
23 Kathy. I'd like to thank everyone on behalf of the  
24 Board, as well as Parks, for your participation. It's  
25 been a very productive three (3) days. Tech sessions

1 are always very -- have a very individual flavour.

2 This was no different.

3                   One (1) of the interesting things  
4 coming out of environmental assessment was it was  
5 noted that there's not a lot of information, and so  
6 the assessment was fairly prescriptive. I think  
7 there's been some tremendous strides, but there's  
8 still some outstanding information, and I think that  
9 will be reflected in the licence.

10                   It's -- it does create a challenge for  
11 -- for staff to draft these conditions, so comments on  
12 conditions are -- are very much appreciated and very  
13 helpful in moving this forward. So when these do come  
14 out in a couple weeks' time -- I guess it would be  
15 months' time -- months' time, July 16th, please take  
16 the time to ensure that what you've seen here and  
17 heard here to -- over the last three (3) days is  
18 reflected there, and if it doesn't, to comment on it.

19                   The transcripts will be checked and  
20 distributed probably next week by the end of the week,  
21 I would guess. And apart from that, a special thanks  
22 to those who have managed to sit through two and a  
23 half (2 1/2) days online. It's extremely difficult to  
24 -- to remain engaged, and we appreciate your -- your  
25 efforts in -- in remaining loyal and faithful to this

1 process.

2                   So I'd had -- I said I had Dave -- a  
3 Dave joke. So there's a guy. We won't call him Dave,  
4 but he could be named Dave, and he finds a magic lamp.  
5 And he rubs it, and out comes a genie.

6                   And the genie says, Well, you know,  
7 times are tough, so you're only getting one (1) wish,  
8 but go ahead and give me your wish.

9                   And this individual says, Well, you  
10 know, I've always wanted to go to Hawaii, but I'm  
11 terrified of planes, and I'm -- absolutely get  
12 terribly seasick, so I would like you to build a road  
13 to Hawaii.

14                   And the genie says, What, are you  
15 crazy? Do you have any idea of the number of pilings  
16 we'd need to put in, the amount of steel, and  
17 concrete, and I can't even begin to think about the EA  
18 that we'd have to go through. And he goes, I just  
19 can't do it.

20                   And so the -- the guy says, Well,  
21 maybe, then, you can help me with a problem I'm having  
22 at work. I want to build a road into a mine.

23                   And the genie says, Let's get back to  
24 this Hawaii question. Would you like that to be a one  
25 (1) lane highway or a two (2) lane highway?

1                   So there you go. That's our closing  
2 comments. Thank you very much everyone, and it's  
3 interesting to see this project moving forward, and we  
4 look forward to working with you as it progresses.  
5 Thank you very much, everyone.

6

7 --- Upon adjourning

8

9 Certified Correct,

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14 Wendy Woodworth, Ms.

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