

From: [Steedman, Audrey \(PC\)](#)
To: [Jacqueline Ho](#)
Cc: [allison.stoddart](#); [Arnold, Sarah \(PC\)](#)
Subject: FW: CZN WMMP Phase 1 or 2
Date: Thursday, October 10, 2019 11:41:51 AM
Attachments: [wildlife_comments_ORIS_Phase_1_and_2.xlsx](#)

Hi Jacqueline,

The excel file attached is part of the email correspondence that you just posted for us. Could you please also post it. Sorry for missing that.

Thanks

Audrey

From: Langlois, Karla <Karla.Langlois@tetrattech.com>
Sent: July 10, 2019 2:28 PM
To: Steedman, Audrey (PC) <audrey.steedman@canada.ca>; Stoddart, Allison (PC) <allison.stoddart@canada.ca>; Arnold, Sarah (PC) <sarah.arnold@canada.ca>; Thompson, Danielle (PC) <danielle.thompson@canada.ca>; James Hodson <James_Hodson@gov.nt.ca>; Tsetso, Jonathan (PC) <jonathan.tsetso@canada.ca>
Cc: David Harpley <David.Harpley@norzinc.com>
Subject: CZN WMMP Phase 1 or 2

Hello All,

In response to your WMMP Phase 1 and 2 inquiry, please see the table below and the attached excel file. The table below is an outline of the existing WMMP report sections that will be developed for Phase 1. And the attached excel sheet, is our Phase 1 or 2 response to the various WMMP IR's, as per your request. Please let us know if you have any questions.

WMMP Section	Included in Phase 1	Comment
1.0 (Intro), 2.0 (Env. Setting), and 4.0 (Regulatory)	Yes	
3.0 Roles & Responsibilities	Yes	Updated specific to each Phase
5.0 Mitigation	Yes	Updated specific to each Phase
Mitigation Monitoring		
6.1.1 Bear Den Mitigation Monitoring	Yes	
6.1.2 Collared Pika Mitigation Monitoring	Yes	
6.1.3 Harlequin Duck Mitigation Monitoring	No	Phase 1 to occur when Harlequin Ducks not present
6.1.4 Peregrine Falcon Mitigation Monitoring	No	Phase 1 to occur when Peregrine Falcons not present

6.1.5 Western Toad Mitigation Monitoring	No	Commitment to monitor in Phase 2
6.1.6 Pre-Blast Mitigation Monitoring	Yes	
6.1.7 Mitigation Audit	Yes	Updated specific to mitigation appropriate for each Phase
6.1.8 Wildlife Observation and Incidents Logs	Yes	
Effects Monitoring		
6.2.1 Traffic Monitoring	Yes	
6.2.2 Wildlife Harvest Monitoring	Yes	
6.2.3 Dall's Sheep and Lambing Area Monitoring	No	Specific to Phase 2
6.2.4 Northern Mountain Caribou Effects Monitoring	Yes	Limited to remote camera operation
6.2.5 Boreal Caribou Effects Monitoring	Yes	Limited to track survey for 2019/2020 season
6.2.6 Collared Pika Effects Monitoring	No	
6.2.7 Migratory Birds Effects Monitoring	No	
Closing Sections		
7.0 Adaptive Management	Yes	
8.0 Reporting	Yes	Updated specific to each Phase
Appendix A Access Road Map Book	Yes	
Appendix B Standard Operating Procedures	Yes	Updated specific to each Phase. Example, Phase 1 SOPs relating to 1) injured wildlife/destruction of property response, 2) responding to wildlife in construction camps and active sites, 3) den/nest response, 4) wildlife sighting logs, 5) waste audit at construction camps and active construction sites. All other SOPs including Bear Management Plan applicable to Phase 2.
Appendix C Best Management Practices	Yes	
Appendix D Timing Restrictions and	Yes	

Setback Distance Guidelines		
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Cheers,

Karla

Karla Langlois, B.Sc., P.Biol. | Biologist
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From: David Harpley <David.Harpley@norzinc.com>
Sent: Monday, June 24, 2019 11:27 AM
To: Langlois, Karla <Karla.Langlois@tetrattech.com>
Subject: FW: WMMP

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Please call to discuss.

David Harpley
VP, Environment and Permitting Affairs
NorZinc (Canadian Zinc)
Home Office 604 594 3855, Corporate Office 604 688 2001 X30, Cell 778 227 8489

From: Steedman, Audrey (PC) [audrey.steedman@canada.ca]
Sent: June-24-19 9:59 AM
To: David Harpley
Cc: Stoddart, Allison (PC); Arnold, Sarah (PC); Thompson, Danielle (PC); James Hodson; Tsetso, Jonathan (PC)
Subject: WMMP

Hi David,

We'd like to better understand CZN's proposal for separate phase 1 and phase 2 WMMPs, specifically what would be contained in each, and what wildlife related issues from the comment period would be dealt with in the phase 1 WMMP vs phase 2.

As part of this clarification we think it would be helpful for CZN to note beside each wildlife comment if the content will be included (or the issue resolved) within the phase 1 and/or phase 2 WMMP.

We've attached an excel file with most wildlife related comments, and a column could be added for this clarification.

Thanks,

Audrey Steedman

Environmental Assessment Specialist, Natural Resource Conservation Branch

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Parks Canada - 450 000 km² of memories / Parcs Canada - 450 000 km² de souvenir

From: David Harpley [<mailto:David.Harpley@norzinc.com>]
Sent: June-17-19 12:01 PM
To: Stoddart, Allison (PC) <allison.stoddart@canada.ca>
Cc: Steedman, Audrey (PC) <audrey.steedman@canada.ca>; Tsetso, Jonathan (PC) <jonathan.tsetso@canada.ca>
Subject: RE: IR2

Allison, further to your comments, I've added more detail into the road schedule, attached. Also attached is a summary of monitoring for wildlife. We will be expanding the 2023 section to reflect a 'typical operating year'. I'm assuming it is wildlife that this mainly relates to.

Regarding baseline, analysis and final plans, I think there is a difference between Phase 1 and Phase 2. I don't see any of this years' baseline as informing the Phase 1 plans. The cameras will not inform Phase 1 operations next March. The existing aerial survey and collar data, and information on trails, will. Pika, aquatic and long-term water quality site sampling will inform Phase 2 plans.

Regarding review and approval scheduling, I see this Sep being a busy month.

I would appreciate your thoughts on the 2 attached documents. We would like to make our IR replies tomorrow by end of day. After that, we would be amenable to answering further questions from Parks.

Thanks.

David Harpley
VP, Environment and Permitting Affairs
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From: Stoddart, Allison (PC) [allison.stoddart@canada.ca]
Sent: June-14-19 12:31 PM
To: David Harpley
Cc: Steedman, Audrey (PC); Tsetso, Jonathan (PC)
Subject: RE: IR2

Hi David,

Parks Canada's recommendation #4 indicates "Provide a project schedule with a summary of how the Project will be sequenced, specifically include the pre-construction, operation and closure phases. Include timelines for a typical operational year, and expected closure sequencing, in the schedule."

We are looking for more detail than what was provided in table 1-1 of the main document. At this point we are specifically interested in your pre-construction plans such as the following: details on what baseline is being collected and when, when the will baseline be analysed, when the final plans will be developed and submitted...

Essentially we feel a bit lost in terms of when all of this will happen, understanding this schedule is key for us to be prepared for our review and approval role.

In terms of closure, we will expect the details in the closure and reclamation plan.

Thanks

Allison

From: David Harpley [<mailto:David.Harpley@norzinc.com>]

Sent: June-13-19 1:33 PM

To: Stoddart, Allison (PC) <allison.stoddart@canada.ca>

Subject: IR2

Allison, further to the Tech Session and Comment PC4, is Parks wanting a 'project monitoring schedule'? We currently have an ASR construction schedule (Table 1-1 in the Initial Package) and an ASR Schedule - Simplified (sent with our responses). I'm wondering which one to use and flesh out, and whether you need the construction detail (which would make for a very large and detailed table). Further direction would be appreciated.

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