DE BEERS GROUP

Andrea Patenaude
Wildlife Biologist, Environmental Assessment and Habitat
Wildlife Division
Department of Environment and Natural Resources
Government of the Northwest Territories
Email transmittal via Andrea Patenaude@gov.nt.ca

August 27, 2021

Dear Ms. Patenaude:

Re: Snap Lake Mine Wildlife Management and Monitoring Plan DBCI - Response to Comments

De Beers Canada Inc. (DBCI) is pleased to provide responses to the Snap Lake Mine Wildlife Management and Monitoring Plan (WMMP) comments received on July 5, 2021 (from SLEMA and ENR) and July 26, 2021 (from ECCC). The plan was originally submitted on March 28, 2021, as required by the letter issued by Deputy Minister Erin Kelly on September 18, 2020. The WMMP is to replace all previous submissions and authorized versions of the Wildlife Habitat Protection Plan and Wildlife Effects Monitoring Plans under the Snap Lake Environmental Agreement. It also addresses the requirement under the Wildlife Act for a Wildlife Management and Monitoring Plan, criteria (a) and (c) of subsection 95 (1), and was developed in accordance with the current version (July 2019) of ENR's WMMP Process and Content Guidelines (2019). Furthermore, as also indicated in the September 18, 2020 letter from ENR, this plan fully addresses the requirements of the Environmental Agreement for submission of a wildlife plan (Section 6.2 and 6.3).

Responses will be posted on the ENR WMMP website; if there are no further comments after the review period, De Beers will make the updates to the WMMP and re-submit the WMMP to ENR. De Beers is seeking approval of this plan via both the Environmental Agreement and the Wildlife Act. Should you have any questions or concerns, please feel free to contact me by phone at (867) 679-6392 or by email at Lisa.Tran@debeersgroup.com.

Sincerely,

LisoLran

Lisa Tran
Permitting Coordinator
De Beers Canada Inc.

Attachment(s): WMMP Comments Excel Sheet

Cc: Jacqueline Ho, MVLWB

DE BEERS GROUP

Lee Ann Malley, GNWT Loretta Ransom, GNWT Grace Mackenzie, TG Jessica Hurtubise, NSMA Sarah Gillis, YKDFN Glen Guthrie, LKDFN Shin Shiga, SLEMA Michael Roesch, CIRNAC Sarah McLean, DBCI Michelle Peters, DBCI

Service Servic	Name/organization	TOPIC Be as specific as you think is appropriate; for example a section or page of the document	COMMENT Comments should contain all the information needed for the ENR and the proponent to understand the rotionale for the accompanying recommendation.	RECOMMENDATION Recommendations should be as specific as possible, relating to the issues raised in the "comment". Recommendations should inform decision, ar direct ENR (or the proponent) to action	
Service Servic		page of the document,		something.	
Service of the control of the contro	REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
Service of the control of the contro	SLEMA	Replacement of aerial	in SLEMA's review of the Snao Lake 2020 WEMP and WWHPP annual reports, we requested clarification on trigger thresholds for conducting aerial caribou surveys. As the	1) Please clarify whether aerial caribou surveys can still be	1) De Beers does not intend to continue aerial surveys during the closure and post-closure phases of the Mine. The GNWT-ENR supports using radio collar data for Zone of Influence monitoring.
West of the control o		surveys with collared	review comment included citing information from the 19 March 2021 Tier 2 WMMP, the comment and recommendations still apply and have been copied again here:	triggered by a sufficient number of caribou groups observed,	
We will constrain the constraint of the constrai					 Triggers for aerial surveys are not included in the Tier 2 WMMP. The aerial surveys have been replaced with ZOI monitoring using collared caribou.
We will be served to the company of					Note that we have the second to the second t
We will write the company of the com		De Beers' response to			
And the latest of the property		SLEMA recommendations	surveys in this document. Section 3.1.1 of the Tier 2 WMMP states that "Aerial surveys have not been triggered since 2012. Instead of collecting serial survey data during	collar data analyses that will allow for before-after	resource selection (Manley et al. 2002) including changes in the selection of habitat with proximity to Snap Lake Mine (see Golder 2016). Ideally the amount of data used for comparisons will be balanced but this may not be possible given
The state of the s					
Service of the control of the contro		Annual Report review	sufficient number of caribou groups, please ciarriy this prany commitment in the Lier 2 WiMMP and annual reports, and clearly explain what the trigger thresholds are.		Shap Lake Mine.
Land Control of the C				analyses will be conducted if GNWT-ENR collar data are not	
Service of the control of the contro			during post-closure (1996 to post-closure), "depending on availability of collar data in the Mine study area." If collar data are not available then the proposed caribou	available in the Mine study area.	and that the patterns over time are consistent with the distribution of collared Bathurst caribou (Golder 2013). Aerial surveys were not completed in 2013 and 2014 because of insufficient numbers of caribou in the study area. The Mine
And the second s			monitoring program for Snap Lake Mine closure and post-closure would not be able to meet the monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribou behaviour, of the program for Snap Lake Mine closure and post-closure would not be able to meet the monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine whether caribous Monitoring objectives (Sections 3.1 and 3.1.1): to determine the monitoring objectives (Sections 3.1 and 3.1.1): to determine the monitoring objectives (Sections 3.1 and 3.1.1): to determine the monitoring objectives (Sections 3.1 and 3.1.1): to determine the monitoring objectives (Sections 3.1 and 3.1.1): to determine the monitoring objectives (Sections 3.1 and 3.1.1):		went into care and maintenance in 2015 so Golder (2013) are the most relevant results. The WMMP also includes other types of wildlife monitoring at the Mine site during the closure phase such as Site Surveillance monitoring during neglect and application of the strength of the Mine site during the closure phase such as Site Surveillance monitoring during neglect and surveillance monitoring during neglect and surveillance monitoring during neglect from the su
Set of the					
Set of the					
Part					
The state of the s			the Integrated Schedule of Closure Activities (FCRP, Section 8), post-closure environmental monitoring programs are planned for a minimum of 5 years and up to 20 years.		
Part			Assuming the post-closure phase begins in 2026 (after a 4-year period for closure activities), there will be 30 years of pre-closure collar data available for comparison.		
The first control of the control of					Territories by Golder Associates Cit. Terromovine, NWT.
Mary Continued and Continued					Manly, B.F.J., McDonald, L.L., Thomas, D.L., McDonald, T.L., and Erickson, W.P. 2002. Resource Selection by Animals: Statistical Analysis and Design for Field Studies. 2nd edition. Kluwer Press, Boston, Massachusetts.
Mary Continued and Continued					
Mary Continued and Continued					
Mary Continued and Continued	SLEMA	Speciar of concern for	Section 1.5 of the Tier 2 WAMAD states that there are currently six preciar of concern that may interest with the Mine shown in Table 1.1 - house an administration of the Tier 2 was a second or the Tier 2 was a	1) Blazza include additional coaries at risk observed	1) The Beans will add additional marries at risk observed or expected in the wildlife expirent study area to the Tier 7 MMMR9: as identified in the 2010 MMMR9 and MEMB
Proportion Company C	JLEWIM	the Snap Lake Mine (Tier	bear (western population), wolverine (note that the "western population" is a non-active status under the federal SARA), peregrine falcon (anatum/tundrius), rusty blackbird,	expected in the wildlife regional study area into the Tier 2	
In the third to the property of the property o		2 WMMP, Section 1.5,	and short-eared owl. In the 2020 WEMP and WWHPP annual reports, these tables showing species at risk have been updated to include bank swallow (Threatened under	WMMP, as identified in the 2020 WWHPP and WEMP annual	2) De Beers will review and update territorial and federal species at risk conservation statuses in the Tier 2 WMMP.
## 15 Williams				reports.	
section of the sectio		and WWHPP annual	nesting activity). In particular, barn swallows have previously been observed nesting at the mine site/on project infrastructure (2019 wildlife logs, Appendix A of 2019 WWHPP	conservation statuses (including official listings under Acts and	
A STATE Continue of the second process of the profit of action and the first first of the process of the pr		reports	Annual Report), and care must be taken to not destroy nests during decommissioning.	as asssessed by COSEWIC and NWT SARC) are periodically	
Procedure of the following the process of the following			to addition the control of Contro		
MEDITIONS INTERNATION INTERNA			3), it is incorrectly stated that the peregrine falcon (anatum/tundrius) is designated as a species of Special Concern by COSEWIC but has no status federally or territorially. This	project documents.	
Handle of the first control of			species is currently listed as Special Concern under Schedule 1 of SARA (but under consideration for change) and was assessed as Not at Risk by COSEWIC in 2017.		
Handle of the first control of					
Handle of the first control of					
Notice for the label of the control	SLEMA	MVEIRB R13 (Caribou	In Table 1-2 of the Tier 2 WMMP, the wildlife-related measure R13 from the MVEIRB's report on the EA for the Snap Lake Project states that "De Beers shall, in consultation	1) Please incorporate wildlife mitigation and management	1)Be Beers will revise the Tier 2 WMMP to clarify that mitigation related to reducing wildlife incidents and sensory disturbances during construction and operations will continue to be implemented during closure. In addition, De Beers will
Single or Septiment of the Septiment of Septiment			with the GNWT, develop a Caribou Protection Plan that imposes increasingly stringent mitigation measures as the number of animals potentially exposed to disturbance from	measures (including/especially for caribou) that may have	incorporate caribou protection measures outlined in the 2008 WMP for the closure phase. This includes:
in security for other and positive and the hardward and any of common ship of the security price to relate the positive and the hardward and the security of the security price of the positive and the security of the security price of the positive and the security of the security price of the positive and the security of the security price of the positive and the security of the security price of the positive and the security of the security price of the positive and the security of the sec		Snap Lake EA and the limited mitigation	the site increases." De Beers' response/outcome in Table 1-2 is that mitigation and monitoring to protect caribou was incorporated into the 2008 WMP. In the Tier 2 WMMP mankage addition from 0.19 14.0 (floresting Properture likely mislaheled as "Bear Determents" but see further review comments below, in In a 121 that thirtiefy discusses bending of	been outlined in the Snap Lake Mine 2008 WMP into the Tier 2 WMMP and any additional mitigation measures anticipated as	
PARTING Comment and the second processes of the process		measures for caribou and	caribou away from hazardous areas, and Section 5.5 in OP 014 (Environmental Inspections) that involves checking for caribou within 100 m of the airstrip prior to inbound	needed due to learning that has occurred between 2008 and	pattern until the caribou have completed their crossing of the airstrip.
Service of the Part of Workshop to the part of the par			aircraft landing, there are no other mitigation measures for caribou.		
Part Well-Produced 3 years ago, were commonsted the digitalized consequences and of includences of the control of the cont		2 WMMP	Overall, the Tier 2 WMMP focuses mostly on wildlife monitoring, while wildlife management and mitigation are lacking. It is unclear whether De Beers will continue to follow		Caribou will only be herded away from roads or the airstrip in specific circumstances, such as an emergency. All caribou management actions will be reported in the annual report of the WMMP.
Promoted of people and equality regress for the controllance of the property of degrees of degrees of the second property of the property of			the WMP produced 13 years ago. We recommend that applicable management and mitigation measures, such as 2008 WMP, be incorporated into the Tier 2 WMMP. The level	impacts increase.	
How migrates across broad to state for the state of the s			of sensory disturbance during periods of closure are predicted to be higher than during operation and care and maintenance, and similar to construction due to an increased		
service for some will be contributed and decided and control processing interpretation for the service of the s					mitgation such as low speed limits, the existing right-of-way policy and diligent drivers.
seeds to some that might be active are proposed injections for the proposed of the control of th			However, there are few details in the main body of the Tier 2 WMMP and no other OPs in Appendix B that explain how measures such as "wildlife will have the right-of-way	undertake appropriate mitigation to avoid and minimize both	Reference
his acres of which because of sealth internal register of			on roads* will be undertaken. Clear protocols and decision frameworks for adaptive mitigation (i.e., increasingly stringent mitigation measures as disturbance increases) are	direct and indirect effects, following the mitigation hierarchy.	De Beers. 2010. Snap Lake Mine: Wildlife Effect Monitoring Program 2009 Annual Report. Prepared for De Beers Canada Inc. by Golder Associates Ltd. Yellowknife, NWT.
without and prevention of all these districts and register of a finise districts and the factors 1.3 in EV 000 (100 (1)) and the factors 1.3 in EV 000 (100 (1)) and the factors 1.3 in EV 000 (1) and the factors					
Summer langer of the contract services and souther foreign that enforcement and souther are greated as an enforcement, and souther are presented as a enforcement and souther are presented as a second as a contract of the souther and souther are presented as a second as a contract of the souther and souther are presented as a second as a			In the case of wildlife having the right-of-way on roads, a decision framework could include distance triggers for slowing down and stopping, modified for the number of		
of large has basilities have togoged any did not on visible presence on the road "Nihe three defails are informative, the word like a stress of the stress o					
Establish (and particular for 20 multiple) and particular and part			off bright headlights when stopped at night due to wildlife presence on the road." While these details are informative, it would be better to clarify when wildlife are		
Some sound active reals bloom as mound and most bloom as mound and most bloom as mound and most bloom as mound and mound active reals. Please proposite the production of the	SLEMA	Pationals for 20 m huffer	considered to be "present" to trisper vehicle slow-down to 10 km/h - would this only apply when animals are on the road? Or would Mine staff take a conservative approach. One of the migration action previously impolemented at the Sarah Like Mine during construction and population. Section 19, page 1.131 is that 20 on buffer of the sarah Construction and population.	1) Please provide rationals for the generic 20 m buffer some to	1) to Bear will review the militation to state that \$500°, middlings (\$50°, middlings (\$50°
Found at set [112] With Excess 11, a page set performance of the perfo	SEEMIN		to the image of the control of the c	be applied at active bird nests found at site, and whether	required for the species encountered. Based on most recent guidance from ECCC, buffer zones are expected to vary between 5 m to 100 m depending on the species and tolerance to disturbance.
2.13) and time fetters Das Sheet (C.117) and time f			species (e.g., species that are less tolerant to human disturbance, those that have low annual reproductive output such as raptors). ECCC used to prescribe buffer zones for		
Data Sheet (CL 11) Sociournet, we requested that any mitigation applied for active near is Eq., settake datases, nonstering durinol infragroups, confirmation of entire governed in the Comments could mit to Minimal and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. White or progression is a contract of the similar and prost. In the standard white is a contract of the similar and prost. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progression is a contract of the similar and progression. White or progre			some species/groups, out they now recommend determining the setback distance on a case-by-case basis: https://www.canada.ca/en/environment-climate- change/services/avoiding-harm-migratory-birds/reduce-risk-migratory-birds.html#toc5. Note also that in SLEMA's greyious reviews of 2019/2020 Snan Lake Mine project		2 us esers agrees to moonlying time size westing lusta sheet as requested. De Beers does not agree that there is a need to predict nest age or hatch date since the nest activity will continue to be monitored so that closure activities can commence when a nest is no longer active.
sets were inflicient. Regarding spillife survey hat set all the conducted immediately prior to frome articles implicitly from the sets and the properties of the first paper of the set of the properties of the first paper		Data Sheet (CL 117)	documents, we requested that any mitigation applied for active nests (e.g., setback distance, monitoring duration/frequency, confirmation of nesting success/failure) be	requested in the Comments column to ensure that all	
Regarding widdle survey, that will be coducted inneeded tay price to closure a visible in the coducted inneeded tay of 20°C 81, Quernary processing and the comment of the				pertinent data are recorded to inform mitigation/management	Reference ECC 2019 Guidelines to reduce risk to microtrou birds, extabilition buffer coper and extable distances, shall be at Guidelines to reduce risk to microtrou birds, extabilition buffer coper and extable distances, shall be at Guidelines to reduce risk to microtrou birds, extab
equipment will be used for reclamation or rehabilitation, section 3.1 of DP 0.14 (Operating Procedum: Environmence or reasons, for example, the facilities or areas are element not to contain will, meets, eggs, or young', and the Distance or an example of the process of the Containing or the surficient or needed to the Containing updates until the next is empty. The form could also include reporting information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information and actions taken, such as nothing the few information in the few informations and observations collected during the systematic environmental inspection. The few informations and the such and willing legistic grows and the such and willing legistic grows and the few informations and observations collected during the systematic environmental inspection. The few information is needed to collect to meet the objectives of the Tier 2 WMMP. Inspections (PD 13), and feeting a section 2.13 (10 Mills feeting the systematic environmental inspection. The feeting of the systematic environmental inspection. The feeting of the systematic environmental inspection. The feeting of the systematic environmental environmental environmental environmental environ				bird nests found on site.	AND ADDRESS OF THE CONTROL OF THE CO
until the survey inspections are complete and the facilities or areas are deemed not to contain wildlife, enest, egg, or young', and this OP is accompanied by the lind hearting the bearing process perfect excludes the control of the Word database, or large and the word of the word					
Data Sheet (C.117), however, the data fields on C.117 would not be sufficient to meet the policy noted above for the meet is likely to finded plead on the starp of the meet and who was desided field of the meet and who may be present or give provided above for whether the six likely to finded plead on the starp of the meet and who may be present or give provided above for the meet is likely to finded plead on the starp of the meet and who may be present or give provided above for the meet is likely to finded the standard white in give present and meet standard white in give present and meet standard white in give present and meet standard white in give present and understand the behaviour expectably for greatest are in an and it exhaust a standard white in give present of the Tay VMMMP. However, the only to give the standard white is give to give a standard white in give present and meet standard white in give the standard white is give the standard white is given to give a standard white give give to give standard white give give to give standard white give give to give standard white give give give give standard white give give give give give standard white give give give give give give give giv					
there should be additional fields to document the personne or flags or young, a prediction field for when the near is likely to fleege based on the targe of the nest and known species-specific schedules (e.g., published accounts from the Cornell and on flower reporting information and actions taken, such as nothing the firm to consider and not inches reporting information and actions taken, such as nothing the firm to consider and inches reporting information and actions taken, such as nothing the firm to consider and inches reporting information and actions taken, such as nothing the firm to consider and inches reporting information and actions taken, such as nothing the firm to consider and inches the firm and actions taken, such as nothing the firm and actions taken and actions taken and actions taken and actions taken, such as nothing the firm and actions taken and action			Data Sheet (CL 117). However, the data fields on CL 117 would not be sufficient to meet the policy noted above for when activities may commence or resume. For example,		
the next is enpty. The form could also include reporting information and actions taken, such as ordifying fewer Ministry and actions the fewer will few spittings from the studied of two pages of OP 014. The form is generic to all willdife spittings from on page 6 of OP 014. The form is generic to all willdife spittings at the included interpretation of the fewer will few spittings from on page 6 of OP 014. The form is generic to all willdife spittings from on page 6 of OP 014. The form is generic to all willdife spittings at site including incidental observations and obs			there should be additional fields to document the presence of eggs or young, a prediction field for when the nest is likely to fiedge based on the stage of the nest and known		
some distances and notifying relevant Miles Eaglifung (E.L. Wildlife Sightings Log (C.L. The use of a wildlife sightings Log (C.L.) The use of a wildlife sightings as a size of the process of the Tier 2 WMMP. Wildlife Sightings Log (C.L.) The use of a wildlife sightings as size including in mentioned in various sections of the Tier 2 WMMP. Wildlife Sightings Log (C.L.) The use of a wildlife sightings as size including process included using the systematic environmental inspections. 3 of 0 PLIA Wildlife Sightings Log (C.L.) The use of a wildlife sightings as size including process included using the systematic environmental inspections. 3 of 0 PLIA Wildlife Sightings Log (C.L.) Wildlife Sightin			the nest is empty. The form could also include reporting information and actions taken, such as notifying the Environmental Coordinator/GNWT-ENR/ECCC, establishing buffer		
SIAMA Wildle Spitning Log (CL.) The use of a wildline log for monotoning is mentioned in various sections of the Tire 2 WMMP, however, the only log form that is included in on page of of DP DIA. The form is generic to all wildline logifinings from included on page of of DP DIA. The form is generic to all wildline logifinings from included on page of of DP DIA. The form is generic to all wildline logifinings at the included during the yatematic environmental inspections. Since the control of the tire 2 WMMP is a page of DP DIA. The form is generic to all wildline logifinings from included on page of DP DIA. The form is generic to all wildline logifinings at the included during the yatematic environmental inspections. Since 2 Page 12 Deleters in the Tire 2 WMMP is a distribution of the Tire 2 WMMP is a distribution			zone distance and notifying relevant Mine staff to avoid activity in this area, etc. It is also important to accurately identify the species and understand bird behaviour		
(33) and usage for Environmental Inspections (DP 104). The control of th	SLEMA	Wildlife Sightings Log (C)	The use of a wildlife log for monitoring is mentioned in various sections of the Tier 2 WMMP; however, the only log form that is included is on page 6 of OP 014	Please clarify whether wildlife sightings form included on	1) De Beers will add at title to the wildlife sightings form on page 6 of OP 014. The form is generic to all wildlife sightings at site including incidental observations and observations collected during the payamasir environmental inconstrions.
Remote Camera Monitoring (DP 201.) Remote Camera Mo	[031) and usage for	[Environmental Inspections]. As this log form is untitled and unnumbered, it is unclear whether this is the "Wildlife Sightings Log (CL 031)" as noted in Section 5.3 of OP 014	page 6 of OP 014 is meant for only Environmental Inspections	
Remote Camera Monitoring (DP 201). Willidif (Pater Deterrents.) Willidif (Environmental	for recording bird use of the water management ponds. It is also unclear if this is a standard form that will be or has been used for other monitoring programs/surveys, such as	or some (or all) wildlife monitoring program components. If	2) De Beers will revise wildlife log form(s) to add space/fields for all the information needed to collect to meet the objectives of the Tier 2 WMMP.
Monitoring (PD 201), Wildiff/Bilez Determination, as an age (F) possible, approximate distance from the infrastructure, and EPS coordinates, Observers will exceed the location, survey time and good for the property of the		Remote Camera	all of the intended data as described in the Tier 2 WMMP.	OPs, as appropriate.	
(DP 34), and Reponding durations, packed observed, the number of aimsts, sex and age (if possible), approximate distance from the inferior description of the Tier 2 WWMP. Animals for Pierri State (in the Section 5.1 or 10		Monitoring (OP 201),		2) Please ensure that wildlife log form(s) include space/fields	
to Bears or Agreeable Animals At or New SM (imegency Statution) (pP 079) for my Company Compa					
Animas & not Near SLM (Imergency Situation) (enterprise) will record the species, number of individuals, date and time, sex and age (if possible), location, and vegetation or (Imergency Situation) (pp 0798) (pp 0798) (pp 0798) Furthermore, in Section 5.1 of OF 354 (Tilear Determents), reported will differ presence to be documented in the "Willfel Implementation on the animal posted, when direction in the animal posted, when direction is the animal posted, when direction is the animal posted, when direction is the animal posted will represent the animal		to Bears or Aggressive	any other details that could be considered important (e.g., injured wildlife, wildlife consuming waste). Similarly, in Section 2.2 of OP 201, for every incidental observation		
vegetation/disturbance. Furthermore, in Section 5.1 of OP 354 ("Bear Deterrents"), reported widdler presence to be documented in the "Widdler log" includes information such as who is calling the report in, where it the animal aported, what direction in the animal moning, and whether there are people working in that general area. Section 3.3.1 in OP 078 (Responding to Bears or Agressive Animals As or one Mars 3M1 (Emergency Shauton)) mentions that the Environmental Superintendent or Designate in responsible for recording the sighting on the "Widdler Monotonic Log", it is likely that these agreesses was made subtings are recorded on a different form, however, this amountain could not be confirmed during the confirmed during the superintendent of the superintend		Animals At or Near SLM	during camera deployment and retrieval, observers will record the species, number of individuals, date and time, sex and age (if possible), location, and vegetation or		
Furthermore, in Section 5.1 of OP 334 ('Bear Deterrents'), reported widdlife presence to be documented in the "Widdlife log" includes information such as who is calling the report in, where is the ainmail amount, and whether there are people working in that general area. Section 5.1.1 in OP 078 (Responding to the report in, where is the ainmail amount, and whether there are people working in that general area. Section 5.1.1 in OP 078 (Responding to the report in the report		(Emergency Situation) (OP 078)			
report in, where is the animal spotted, what direction is the animal moving, and whether there are people working in that general area. Section 3.3.1 in OP 078 (Responding to Bears or Aggresive Animals At or New 23M (Emergency Shautoni)) mentions that the Environmental Superintendent or Designate is responsible for recording the sighting on the "Wildlife Montioning Log". It is likely that these aggressive amin additions and different form, however different form, however decrified during the second of		,			
Beave or Agreeave Animals As or the SEM (Emergency Shauton)) mentions that the Environmental Superintendent or Designate in reposable for recording the sighting on the "Wildlief Mondation Long", it is likely that belong agreed to environmental Superintendent or Designate in responsible for recording the sighting on the Central ord afferent form, however, and different form, however, and the superintendent for the superintendent form.			report in, where is the animal spotted, what direction is the animal moving, and whether there are people working in that general area. Section 3.3.1 in OP 078 (Responding to		
the "Wildlife Monitoring Log". It is likely that these aggressive animal sightings are recorded on a different form; however, this assumption could not be confirmed during			Bears or Aggressive Animals At or Near SLM (Emergency Situation)) mentions that the Environmental Superintendent or Designate is responsible for recording the sighting on	1	
review state a minimal principle regiment out entering to desire of a 25 or the 1/3.			the "Wildlife Monitoring Log". It is likely that these aggressive animal sightings are recorded on a different form; however, this assumption could not be confirmed during		
			review since a winding finding log was not attached to either OF 194 or OF 178.		
	L			1	

REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
SLEMA		Related to SLEMA's previous comment about the wildlife sightings log(s) used for Snap Lake Mine (Line 8), the form on page 6 of OP 014 (Environmental Inspections) is similar		1) Environmental Inspections (OP 0194) is related to wildlife Site Surveillance monitoring as part of the former WWHPP and now the WMMP. OP 0194 provides details about the frequency of inspections at specific parts of the Mine facilities;
J.L.MIN		to the wildlife los summary provided in Appendix A of the WWHPP annual report. Therefore, it may be reasonable to assume that a similar (if not the same) los form has been	is related to the Wildlife Site Surveillance Monitoring part of	any wildlife observed during those surveys will be recorded on the appropriate data abremant and the components that will be surveyed systematically are described in Section 2.2.3.2 and include the North Pile and related Water
		used for wildlife sightings during previous years (and project phases) of monitoring. Thus, information such as the animals' sex and age do not appear to have been collected	the WWHPP. If so, please explain the survey schedule and	Management System and Surface Infrastructure areas. Survey effort will be largely consistent in all areas (Section 2.2.4), however, situations may arise where staff need to prioritize effort and respond to emergencies (e.g., soil), bear on site)
	Site Surveillance	during previous years of wildlife monitorine: and the wildlife sightings log form needs to be modified to include fields for pertinent information. It would also be useful to	allocation of effort to different Mine facilities and areas.	over completion of the survey.
		using previous years to winder unincoming, and the winder signifings rigit or in recens to the minimal to illustrate relation to retain the second of separate observations made during systematic surveys conducted by qualified Environment personnel (e.g., Environmental Inspections as part of OP 014, Wildlife Site	For future reporting of the Tier 2 WMMP, please separate	over compensor of the survey.
	Monitoring for the WWHPP	separate observations made during systematic surveys conducted by qualified Environment personnel (e.g., Environmental Inspections as part of OP 014, Wildlife Site Surveillance Monitoring for the WWHPP) from purely incidental observations made by any Mine staff. SLEMA understands that the 2019 and 2020 WWHPP annual reports (the	z) For rotucine reporting of the Her z www.p. please separate	
	WWHPP	Surveillance Monitoring for the wwithing from purely incidental doservations made by any within staff. SLEMA understands that the ZULY and ZULY WWHITH annual reports (the only ones we have reviewed) were completed during the extended care and maintenance (ECM) place, and therefore systematic wildlife surveys had not been conducted in	effort and temporal trends can be assessed using systematic	2) De Beers will separate systematic vs. Incloental wildlife doservations in tuture reporting of the Tier 2 WMMP.
		only ones we have reviewed) were completed during the extended care and maintenance (e.c.w) phase, and therefore systematic wildling surveys had not been conducted in those years. However, we expect to see separate reporting for systematic vs. incidental observations as the mine moves into the closure and post-closure phases, including	errort and temporal trends can be assessed using systematic survey results.	
		trose years. However, we expect to see separate reporting for systematic vs. incidental observations as the mine moves into the closure and post-closure phases, including reporting on any temporal trends for willide incidents (as noted in Sections 2.3.2.3 and 2.2.6 of the Tier 2 WIMMP).	survey results.	
		reporting on any temporal trends for wildlife incidents (as noted in Sections 2.2.3.2 and 2.2.6 of the Tier 2 WMMP).		
		It is unclear whether some of the Environmental Inspections described in OP 014 have already been in place during ECM, and whether they are related to the Wildlife Site		
		Surveillance Monitoring conducted as part of the WWHPP. If these inspection/site surveillance tasks and schedule are the same, then we would expect monitoring results for		
		each Mine facility, work area, and waste storage area to be available every two weeks (as per Sections 5.2 and 5.3 of OP 014). However, the number of surveys at Mine		
		facilities ranged from 2 at the power plant/water treatment plant to 58 in "other areas" (e.g., truck shop, fuel storage area, domestic waste water treatment plant) over the		
		course of 15 weeks in 2020 (May 3 to Aug 16), as described in the 2020 WWHPP Annual Report. In SLEMA's review of the annual report, submitted in May 2021, we requested		
SLEMA	Action levels for	In Section 4 of the Tier 2 WMMP, De Beers states that "action levels [for adaptive management] for vegetation loss will not be considered given that the Snap Lake Mine	1) Please modify Section 4 (Action Levels for Adaptive	1) The trigger for habitat loss is the footprint extent approved by permitting and leases. Exceedance of this would require approval of an amendment to the Mine plan and new lease (i.e., the management actions).
	vegetation loss will not	footprint and layout are ultimately governed by the required land use permits and leases for the Mine. Although the final Mine footprint may have some variance from that	Management) of the Tier 2 WMMP to include actions levels fo	
	be considered (Tier 2	presented in the EAR, these changes should be minor, and reclamation is expected to result in positive changes to vegetation communities and associated wildlife habitat in the	vegetation loss and habitat disturbance as noted in the VMP.	At the end of operations, habitat disturbance by Snap Lake Mine was 89% of the EAR prediction (De Beers 2018). Closure activities are not predicted to increase habitat loss. In contrast, reclamation activities are predicted to decrease habitat
	WMMP, Section 4)	long-term (during and beyond post-closure). " This statement is inconsistent with the adaptive management proposed in the Vegetation Monitoring Program (VMP v3, Mar	2) If revisions to the VMP are needed due to triggering of	loss during the post-closure phase.
		2019) and in the Final Closure and Reclamation Plan (FCRP v1.1, Mar 2021). In the VMP, Table 2-5 shows action levels for both annual/interval monitoring and triggered	higher action levels (e.g., Level III change), ensure that	
	the Vegetation	monitoring programs, so it is unclear why De Beers has only included action levels for triggered dustfall monitoring in Section 4 of the Tier 2 WMMP. Of relevance to	revisions to the Tier 2 WMMP are also made, as appropriate.	2) De Beers policies and procedures are consistent amongst the project documents, including the VMP and WMMP. De Beers does not see the need to adjust the WMMP at this time but remains committed to adaptive management and will
	Monitoring Program and	vegetation loss and habitat disturbance, the following action levels are proposed in the VMP:		make changes in the future in consultation with GNWT if warranted.
	Final Closure and	- Area of Impact - 10% change in total disturbance area above EAR predictions		
	Reclamation Plan	- ELC Area - 10% change in area of ELC units above disturbance predicted in the EAR		Reference
				De Beers. 2018. 2017 Annual Wildlife Habitat Protection Plan Report. Yellowknife, NWT.
		The VMP provides further information about the Detailed ELC Monitoring Program that may be triggered (and appropriate mitigation identified and recommended) should		
		these action levels be exceeded. In Section 5.5.3, page 5-57, of the FCRP, De Beers states that reclamation activities associated with establishing the ISP spillways may generate		
1		new land disturbance; therefore, the area of impact and ELC area programs of the VMP will continue into closure and post-closure. If further mitigation and changes to the	1	
1		VMP are needed, such as additional active revegetation plots due to greater-than-predicted land disturbance, the Tier 2 WMMP may also need to be revised for appropriate	1	
1		monitoring for wildlife habitat and wildlife use of habitat (e.g., additional remote cameras targeting new revegetation plots). Regardless, De Beers should ensure that their	1	
SLEMA	Action levels for sensory	In the last paragraph of Section 4 of the Tier 2 WMMP, De Beers states that action levels will not be considered in monitoring for sensory disturbance because "sensory	1) Please provide rationale for why caribou ZOI monitoring wa	1) The impetus for 201 monitoring comes from feedback from GNWT, in particular feedback received during the 2021 diamond mine wildlife monitoring meeting held in Yellowknife. Collar data will be used to analyze whether caribou
	disturbance will not be	disturbance mechanism(s) causing changes to caribou behaviour outside of the Mine footprint are uncertain and likely related to many sources (e.g., lights, smells, noise, dust	selected as the preferred approach if it is not expected to	behaviour (distribution) changes in relation to mining activities through time / Mine phase. This analysis can be used to test predictions of the Snap Lake EAR (which is one of the objectives of the WMMP; Section 1.3) and will contribute
	considered (Tier 2	operating simultaneously. Therefore, 201 monitoring does not directly inform on mitigation but is used to fill an information gap on associated 201 magnitude, extent and	inform mitigation, which is part of the purpose of a WMMP.	information for future environmental assessments and for ongoing assessment and management of cumulative effects under different development scenarios (Handley 2010).
	WMMP, Section 4) and	duration during closure and post-closure". SLEMA would argue that 1) it may be possible to use ZOI monitoring results to inform mitigation, but that 2) the limited usefulness	2) Please clarify whether any ground-based caribou monitoring	
	the usefulness of ZOI	of 201 monitoring for informing mitigation suggests that this approach is not sufficient for caribou monitoring.	is planned prior to and during disruptive closure activities,	2) Incidental and Site Surveillance monitoring includes ground-based methods to identify the need for mitigation actions related to wildlife presence at site and their protection during the closure phase. The monitoring will be completed by
1	monitoring for caribou		such that mitigation measures can be applied prior to the need	Environmental Monitors. Section 2.2 of the WMMP includes wildlife surveys prior to decommissioning/demolition activities which represent hazardous areas/activities.
1		With respect to point 1, if GNWT-ENR collar data show caribou turning away from the Mine area during times/days when closure activities involving blasting or	for herding caribou away from hazardous areas.	W
1		demolition/heavy industrial activity were occurring, these results may suggest that nearby caribou were being disturbed. That being said, annual review and analysis of collar		Reference
		data (Section 3.1.1.3) would not enable timely adaptive management to inform immediate mitigation actions, though it may allow for spatial or temporal changes to planned		Handley J. 2010. Report on Diamond Mine Wildlife Monitoring Technical Workshop, Yellowknife, NWT, Canada.
		activities for the next year (the closure phase is anticipated to be 4 years; FCRP, Section 8.1). Therefore, regarding point 2, additional on-the-ground caribou monitoring and		
		adaptive management is needed, especially during closure activities that produce greater sensory disturbance. Although OP 194 includes deterring/herding caribou away from		
		areas that may be considered hazardous, including the airstrip, high traffic areas, where heavy equipment is in use, and where blasting or demolition activities are taking place,		
		this OP appears to apply to situations when caribou are already in or very close to the hazardous area (though the distance is not defined except for the airstrip, where caribou		
		within 100 m will be reported; OP 014, Section 5.5). It is acknowledged in OP 194, Section 5.2.2, that inappropriate/aggressive herding may cause animals to run or exhibit a		
		"Very Alarmed-Panic Fscane Response"		
		Telly Positive Competition .		
		As an alternative to causing caribou stress by herding. De Beers should emoloy an Environmental Monitor to survey the area prior to commencing and during closure activites.		
		and animals within the 2OI should be reported (Section 1.8 of the Tier 2 WMMP, bottom of page 1-12, states that De Beers has completed 2OI monitoring analysis). Depending		
		and animals within the 201 strong be reported section 1, 30 titles here 2 www.p. bottom or page 112, sates that a be beens has completed 201 monitoring analysis, beginning on caribou behaviour, direction of movement, number of individuals, and presence of calves, proactive and increasingly stringent militation measures (as per MVEIRS R13 in		
		on can out cannot use the one of the comment of the		
		subsets, see any activities comments in time by, incoming temporary execution or wine constitution and activities, can be desired as a commentation of the Cartest and asserting activities for caribous would be similar to De Beers' planned mitigation for active bird nests in Section 2.2.3.1 of the Tier Z WMMP, and may be established.		
		setback distance and suspending activities for carbou would be similar to be Beers, planned mitigation for active bird nests in Section 2.2.3.1 or the Her 2 WMMP, and may be		
		perceived as "less risky" to the project schedule since activities may resume once caribou leave the area (e.g., perhaps within an hour rather than weeks).		
SLEMA	OR 194 is entitled "Bear	OP 194 is first referenced in Section 1.8 (Mitigation) of the Tier 2 WMMP as a document with details on deterring wildlife from hazardous areas. However, OP 194 itself is	1) Please rewrite OR 194 if it is intended to provide procedure	1) De Beers will revise OP 194 to clearly indicate it applies to the use of deterrents with respect to a range of species including caribou, foxes, wolverines, and bears. The focus of this OP is on encouraging animals to move away from areas
	Deterrents" and is lacking	entitled "Bear Deterrents" and mostly focuses on bears, although the Purpose (Section 1.0), Scope (2.0), and Procedural steps 5.1 and 5.2 are focused on caribou. This OP also		that are considered hazardous, not on responding to an aggressive animal.
	in details about caribou	refers to a separate OP 193 on Bear Deterrents that either does not exist or has not been provided with the Tier 2 WMMP package. Overall, OP 194 appears to be a haphazard	there is still a separate OP 193 for Rear Deterrents	
	mitigation aside from	amalgamation of procedures and needs to be revised. Given the ecological, cultural, and economic importance of caribou, their erritorial and federal (COSEWIC) status as a	2) Please include further details about caribou mitigation and	OP 193 will remain in place as the OP to address the response to aggressive animals such as bears or wolverines.
	herding	species at risk, and their sensitivity to Mine-related stressors, procedures for caribou monitoring and provisions for mitigation and management should entail more than three	management measures, either in OP 194 or a caribou-specific	
		brief points about wildlife observation reporting and herding. Please see SLEMA's comments in Lines 6 and 11.	OP.	2) De Beers will add additional information about caribou mitigation and management in OP 194: also note that some measures are outlined in EP-DOP-001 "Winter Road Wildlife and Public Use"
				7
		Regarding the caribou-related information that is contained in OP 194, Section 5.1 states that only personnel trained in deterrence actions should respond and attempt to		
1		move animals away from hazardous areas. SLEMA recommends that personnel responsible for deterring caribou should also be trained/have an understanding of caribou	1	
		more aimins away normazarous areas, such recommends in the proposate no determing camous amous and one trained proposate an uncertainty of an amous behaviour to assess alarm responses and core for proceeding with deterrents. As noted in Section 5.2.2, "herding should never stimulate a Very Alarmed-Panic Escape	i	
		declaration to assess and responses and coes or proceduring with decrements. As noted in Section 3.2.2., recogning should never stimulate at very Hammed-Ham. Except Response. The capitalization of this term would suggest that further information is validable that defines/depicts this laarm response (i.e., for training purposes), but none is	1	
		provided with a first of incident was a common support of the comm	1	
		This like A street in passage.	1	
1				
1			İ	
SLEMA	OP 201 "Remote Camera	Section 2.2.3.2 of the Tier 2 WMMP states that wildlife cameras will be used at Mine Components to monitor and contribute to the progress of achieving closure objectives	1) Please clarify whether there may be periods during the	1) Remote cameras will be deployed during both closure and post-closure phase. De Beers will revise the WMMP and OP to be consistent in the description of the camera program.
	Monitoring" - insufficient	related to safe passage and use by wildlife during post-closure when the site is unoccupied by staff and contractors; and that cameras may record species presence in or	Mine closure phase when staff will not be on site and remote	
1	details about camera	moving through revegetated and reclaimed areas, thus providing a secondary line of evidence on reclamation success. Unfortunately, OP 201 is lacking the detailed	cameras should be deployed.	2) De Beers will place cameras at the main laydown area to monitor wildlife use of restored habitat.
1	setup/maintenance and	procedures needed to ensure that these objectives can be met. Without further details in this and other OPs, and within the WMMP littleff (see SLEMA's review comments	2) Please consider placing additional remote cameras at the	
1	settings	about caribou mitigation/management; Lines 6, 11, 12), it will also be difficult to ensure that De Beers' QA/QC Procedures (Section 5.0 of the Tier 2 WMMP) are properly	main laydown area where active revegetation plots will be	3)(De Beers will revise OP 201 to provide more detailed procedures about capturing wildlife presence with remote cameras. Exact camera locations and details around the frequency of image capture will be provided in the annual reports
1		conducted; namely, review of "study designs, field methods, and data collection techniques" by De Beers, their environmental consultants, SLEMA, government biologists, and		following installation.
1		regulators, to enable continuous evaluation and adaptive environmental management.	habitat.	
1			3) Please provide the Work Instructions referenced in Section	4)Be Beers will deploy about 30 cameras at the Mine, which would provide about 2 cameras for each of the different surface infrastructure.
1		Section 1.0 (Purpose) of OP 201 states that remote cameras will be used during the closure phase as well as post-closure, which is inconsistent with the plan for only post-	2.2 and/or rationale about incidental wildlife observations	
		closure camera monitoring (as described in Section 2.2.3.2, noted above; also the Section 2.1 heading in OP 201: "Camera Placement (Post-Closure)"). Section 1.1, page 1-2, of	recording.	5) Section 2.2.3.2 of the WMMP indicates that remote cameras will be placed at the surface Mine Component areas identified in the ICRP. The Mine Components identified include the North Pile and associated Water Management System,
		the Tier 2 WMMP states that during closure the Mine site will be occupied by staff full-time until the completion of closure activities. If there are seasonal periods during	4) Please provide numbers and specific locations of cameras to	Infrastructure Areas (e.g., airstrip, buildings, waste management areas). De Beers will include a map of remote camera locations in a revision of the WMMP. Decisions around the precise location of cameras will be made at the time of
		closure when staff are not on site, remote cameras should also be deployed. De Beers should confirm if this may be the case, or amend the Purpose of OP 201 to only focus on nost-closure	enable an independent review of the program's ability to achieve its objectives.	Installation by qualified personnel. Camera locations may be adjusted over time.
		Section 2.2 (Camera Deployment and Retrieval) states that all incidental wildlife sightings must be recorded the first time a species is observed, that some species must always	4) Please provide details for camera setup and settings, and	
		be recorded, and to refer to the specific work instructions for details. No work instructions have been included as part of the Tier 2 WMMP package that may explain the	address SLEMA's concerns about optimization for Arctic	
		rationale for these steps or provide the instructions needed to complete the Remote Camera Monitoring Datasheet - Deployment and Retrieval forms (note: neither of these	conditions and standardization between units.	
		forms have been given an ID). For example, the Deployment form has data fields for some camera setup and settings, such as Camera Facing (Deg), Camera Sensitivity, Height	1	
		of Camera (cm), UTM coordinates, and plot/habitat characteristics; and the Retrieval form has fields for battery and memory card checks. However, there are no procedures in	1	
1		OP 201 explaining what to do to ensure that the camera setup is optimized for capturing caribou (or other wildlife), that Arctic light conditions are accounted for and settings	İ	
1		are calibrated and standardized between units, that the setup is stable enough to prevent bears from knocking it over, that the units are weather-proofed against snow	İ	
1		accumulation and the setup deters bird nesting in front of the lens, etc. What are the daily image capture settings - motion triggered and/or timed? Running 24 hours a day or	İ	
1		only during certain periods/intervals to save battery life? When camera are deployed during post-closure, will staff be available to make the periodic battery and memory card	İ	
		checks needed to ensure continual function? These are all details that are needed to ensure that the remote camera monitoring program will be successful.	1	
			İ	
1			1	
1			1	
	I.		1	

REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
SLEMA		OPO21 is focused on bean but the Scope (section 2.0) enters that aggressive artifies include velocities, bean, and workers, and that flees and large briefs may also act aggressively, to Been state that aggressive and minds shall be managed an airliam reason to bean. However, some procedures model of OPO 27m yet or payly to all species, such as helicopter pushing and obtigation as large, and different standards may apply for treatment of carciass and distance triggers (e.g., as shown on the flowwhart on page 5, responding to a bear begins when the assimils of all the finous camp preferred or 400 min man and on Human activity.) Ferredow, any specific instructions for the other potentially agressive species should be noted in the OP to provide clarity for films staff if an incident occurs. Section 5.2 of OPO States that deterring minimals at observange man provides the use of 15 mm bargers and screamers, however, section 5.3 only lists bear bargers, as an option. De Beers should confirm whether creamers are also acceptable deterrines at the Skope Liste Mine, as screamers have an errack and unpredictable light pattern, and the state of the state o	1) Please united any referent species specific instructions needed in 0/0 701 to ensure that potentially aggressive species other than bears are dealt with appreciately. 2) Please clarify what types of beer determents and associated equipment are acceptable at the Snap Lake Mine. 3) Please resurrange O'78 to present best destreament in order of typical out et g., by action level) and present the lat of 1 typical out of the species of the special out of the special out of the special out of the special out of the special out of the special out of the special out of the special out of the special out of the special out of the special out of the special of the special or individual to this O'0 70 about emergency aggressive animal situations. Exceut that proper disposal of flood waste to minimize be as	3) De Beers will revise OP 078 to include spacies-specific instructions for potentially aggressive, non-bear species. 2) De Beers will revise OP 078 to cativity types of acceptable bear deterrents and associated equipment. 3) De Beers will rearrange the flowchart and list of deterrents in OP 078 as recommended. 4) De Beers will revise procedure 5.1.6 to identify the link between waste acceptance at the landfill and emergency aggressive animal situations.
SLEMA	EP.DOROCT.Wince Road Willfle and Pallet Use Surveillance*	IN EACO ID. The Score (Section 2.1) attacts that security personnel will patter this length of the winter road in pile val pricks once new year weeks during the hald season (Feb Mar) to long an exestine permits. However, Section 1.3 members the Security Contractor's "days unrealizene" of this Sough Leafth was under access road on the surveyed daily, such that the entire length will only be completed once every two weeks? Fermits and the security of the secur	or random, etc. 2) Please provide a field map that includes pertinent information such as a landmarks to assist the Security Contractor with data recording and survey effort allocation (as applicable). 3) Please confirm whether there are winter road management plans and procedures that enable safe wildlife crossing, and	1) De Beens will clarify the procedures for the winter road surveillance. 2) De Beens will credit the field may be identify informatic (e.g., portage locations) for the survey. 3) De Beens is committed the winter road management that enable safe widelic crossings. This includes keeping snow berms below 1.6m in height to facilitate carbou crossing along the full length of the road, turning off vehicle high beams that we stopped on roads at right due to winter good enables and wideling crossor crossing features to the roads at key locations as desertind by indigenous communities. These requirements will be included in the instructions to the winter mode construction and maniferance cross and addict to the bulleted flat of mitigation measures already provided in Section 1.8 of the WMMP. 4) De Beers will provide contact information for Environment personnel to the Security Contractor, when available.
SLEMA	Procedures and	The field map (Section 6.1.1) provided by De Beers for the Security Contractor does not seem particularly useful. The Winter Road Widlife Sightings Form on page 4 includes fields for Lie Rama and Portage Number; however, there are no isseminaris indicated on the field map to assist the Security Contractor with this data recording. It may also be useful to show appointment by wher It Securities where the results in the Security Contractor useful this discretion; while the Security Contractor useful for showing map of the security of the security of the Security Contractor with this data recording. It may also be useful to show appointment by the Technique Contractor useful for securities while the Security Contractor useful for securities while the securities with the Securities of the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Security Contractor useful for securities with the Securities of the Securities of the Securities of the Securities (Securities Contractor useful for Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and the Securities (Securities Contractor) and	Please clarify what management actions would occur if	De Beers will clurify the management actions that would occur if mammal denning activity was observed, including following the NWT Wildlife Act s. SLID;
	mitigation measures for mammal denning activity at waste storage areas (OP 014)	Section 5.3, about what the Environmental Technician should do if deming activity is observed at water storage area. De Beers should clarify whether active dens will be left above until the year exception, eff. the actions are perceived spendering or, ground squarriers, cannivores, if correct actions will be laten be represent further demining activities, etc. Note that the NWT Wildlife Act s 51(2) prohibits breaking into, destroying, or damaging a den (wildlife abode) unless authorized by a license or permit to do so.	mammal denning activity were observed at waste storage areas.	
SLEMA	Unidear roles and resultables in Operating Procedures (OPs 194, 014, 078)	The Ohs included as part of the Tire 2 WMMP package consertines use differing titles for environmental personnel in the Repossibilities section v., the Procedure and other section, For example, Section 5.4 of 0°19 Remotions Townson For Continuins," "Environment personnel" conditions (impections, and Thromogenia procedure) and the sections for the Procedure and other sections for a small personnel section 5.4 mentions have been keeper for the "SHE Coordinator or Environmental Coordinator (fire, Coord, in Section 5.4 mentions) for the Section 5.4 mentions from the personnel sequential for the Section 5.4 mentions from the Section 5.4 mentions for the Section 6.4 mentions for the Section 5.4 mentions for the Section 5.4 mentions for the Section 5.4 mentions for the Section 5.4 mentions for the Section 5.4 mentions for the Section 5.4 mentions for t	personnel within and among Operating Procedures, and ensure that all roles and personalities are indeed and defined in each OT respective Section 3.0. "When the section of the operation is a section of the operation of the operation of the operation of the operation of the operation of the operation of the operation of the operation of the operation of the operation of the operation operation of the operation ope	1) De Been will clarify OP 078 to sessure as much consistency as possible in little for environmental personnel. As the site moves into Active Closure, titles may change. 2) De Been will clarify OP 078 to specify in which situations the Environment Supt. Is now responsible for wildfile deterrent reports. 3) If issues are detected during environmental impections, they will be addressed as appropriate and with consideration for requirements in other Plans such as the AEMP or the North Pile Management Plan.
SLEMA	Other comments about Operating Procedures, including inconsistent or missing information, organization, and typos	In addition for review comments insident profits above, such as increasinences with Roles and Responsibilities, SLEMA has some general comments and suggestion about the grounded Orb. - Sections 3.6.2 of Orb 0.12 of refer to Or 20.1. Pertoleum Products but the OP 201 included in the Tier 2 WMMP packages in for Remote Camera Monitoring, Ensure that all compositions of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment of the Comment incident reporting database, only the Review Interporting the use of wildlife deterents on the SMI known that of the Comment of the Comment incident reporting database, only the Review Interporting of the Comment of the Comment of the Comment incident reporting database, only the Review Interporting of the Comment of the Comment of the Comment incident reporting database, only the Review Interporting of the Comment	the Comments column to ensure consistency and completeness, and to enhance linkages between Operating Procedures, Tier 2 WMMP, and any other related Snap Lake	13 De Beens will incorporate the suggested corrections and edits related to consistency and completeness of the OPs into the WMMMP.

REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
SLEMA	Community Wildlife Monitor (Table A1,	On Table A1, De Beers states that a description about Community Wildlife Monitor, a required content under Section 95 of the Wildlife Act for Tier 2 WMMP, is included in section 1.7. SLEMA found no description of the role of Community Wildlife Monitors in section 1.7 of the WMMP. Wildlife, especially caribou, is an important affected species	Please provide description of the role of Community Wildlife Monitors in the implementation of the WMMP.	1) A description of the role of Community Wildlife Monitors will be added to the WIMMP.
	section 1.7)	to the communities. There is a growing interest and initiatives to involve community on the land monitors for widdlife, as is the case at the Galvicho Xer mine. For that reason, it is important or reviews, such as SLMA. Our destraind how De Beers is planning to involve Community Widdlife Monitors in the implementation of the WMMP, and how it came to their conclusion in collaboration with the affected communities.	2) If it has not done so already, SLEMA recommends that De Bears engage with affected communities on the role of Community Wildlish Montress during done and open-closure periods a part of the WMAP. If it has done so, please include periods a part of the MMAP if it has done so, please include periods a part of the MMAP. If it has done so, please include periods of the source of the source of the source of the periods of the source of the source of the source of the periods of the source o	2) De Been has engaged all parties in the planning of monitoring during closure and point closure. Engagement has occurred through late visits, community visits, multiple workshops on closure, and public review processes for various documents associated with Course including the current process of review of the WMAP. Monitoring during closure and point closure, including and regulatory review of the Final Course and Reclamation Final (FCPF). The FCPF describes how SLEMA will participate in site inspection to provide input in the seat-invenement of most of the site video objectives. PMS, 3VM, 3VM, 3VM, 3VM and 3VM on local to make 10 the point of the seat invenement of most of the site video objectives. PMS, 3VM, 3VM, 3VM on the seat invenement of the seat-invenement of the seat invenement of the seat will be seat invenement of the seat will be seat and will excurate participates as it related to wellder, This process of active involvement of 4LEMA in closure and point closure encorations; will be provided within the WMMP in Section 1.7. In addition, De Beens visit sets to hirr enliquing personnel with engagement and will encourage be contracted to do the same. Wildlife Monitors will be included in the field programs as required to ensure safe implementation of programs on the land and inclusion of indigenous personnel in the monitoring of the closure and reclamation of Snap Lake Mine.
ENR	Executive Summary - Page II	Deleters states: "The Stop Lake WMMP document was prepared in accordance with 66 WMT guidelines and the September 18, 2000 letter to be Beers from the GWMT accordance with New York (September 18) and the September 18 was presented by the September 18 which was not as "Save Geological Province Regional Monitoring Workshop." Set SMR has previously hotated. Wildlife Workshop." Fee Set Mit has previously hotated. The set needs the Set Set Set Set Set Set Set Set Set Se	to read "at a diamond mine wildlife monitoring meeting in	13 the statement 7202 Save declopidal Province Widdlife Workshop's will be review to read "at aliamond mine widdlife monitoring meeting in February 2022." Proughout the document. 2. De Been agrees with DRIF that the continuation of the behaviour monitoring program during the closure and post-documer phase is not warranted. De Been that given all parties the opportunity to review and provide feedback on the proposed widdlife monitoring program within the WMMP review process been. In particular, SLBMA has provided several comments and De Been to be to develop a district that the provided several comments and De Been to the particular to review and provide feedback on the proposed widdlife monitoring program within the WMMP review process been. In particular, SLBMA has provided several comments and Desertine has timed a depress all concerns raised, including the need to continue to monitor carbos that occur at the so described in response to SLBMA? and will report these occurrence in the annual report.
ENR	Executive Summary - Page II	*replacement of surveys for bear sign with a regional hair unagging program to monitor grizaly and black bears.*	Remove "and black bears". That was never one of the monitoring objectives.	The Singuise and Galvicho Ead mines are near the treefile and black bears have been observed in both Hostly areas including during plan ranging studies (Golder 2011, 2012; Irsane et al. 2014). While black bears may be less relevant to the Statis and Dalwin mines bear har ranging or statis and plans in mines bear har ranging or statis and the Statis and Dalwin mines bear har ranging or statis and the Statis and Dalwin mines bear har ranging or statis and Dalwin mines and the Statis and Dalwin mines are not to be statis and Dalwin mines of the Statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statis and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistically and Dalwin mines are not to be statistical
ENR	Section 1.1, page 1-3 - Objectives of Regional Monitoring	In Paragraph 3, with respect to the collaborative regional girstly bear and wolvenine monitoring programs. Deleters states "Noe effects of mining operations on girstly bear and populations were reported through this program (sees 2017)—In addision, a presentation on the analysis of wolverhear bear ranging data desired bear of the program of the p	Remove the statements "No effects of mining operations on grizrly bear populations were reported through this program (besen 2017)	De Beens will reviet to note that infrequent and limited mime-related microtalities of grizzly bear and solvenine have bad a negligible influence on regional populations. Of note is that the regional grizzly bear have inaugeing program does have a mine-related object, (lending > 2015). To determine if mine-related activities influence the relative abundance and distribution of grizzly bears in the study area over time. Reference Including 1, 2010. Region on Diamond Mine Widdle Technical Workshop. June 28, 2010. Prepared for the Department of Environment and Natural Resources, Government of the Northwest Territories. Yellowknife, NWT.
ENR	Activities	IRM notes that there is not a comprehensive list of the most common activities that may cause disturbance and the relative period of time and likely seasonally of these activities (if relevant). This information is helpful in determining appropriate ways to scale mitigations in the event that canbou begin to once again visit the site during the activities (if relevant). This information is helpful in determining appropriate ways to scale mitigations in the event that canbou begin to once again visit the site during the active dosure phase. For instance, is blasting something that is expected to be used during decommissioning? How might aircraft visits to/from site and helicopter traffic change? Etc.	Please add a brief section that provides a qualitative description of the nature of the disturbances (activity / frequency / magnitude) associated with the closure and reclamation phase. A description of the frequency and duration of human presence on the let the post-closure phase.	On Beers will revise to add a brief qualitative description of the nature of disturbances associated with the closure and reclamation phase.
ENR	Section 1.6, page 1-10, Table 1-2. Wildlife related	The Snap Lake Mine outcomes column does not appear to have been updated and does not reflect current versions of relevant plans and agreements. (i.e. no reference to version 5.1 of the Waste Management Plan etc.) or relevant Sections or Operating Procedures in the WMMMP to demonstrate how the CURRENT PLAN addresses the	Ensure that Table 1-2 contains current information and references to the sections, plans or operating procedures.	De Beers will revise Table 1-2 to update the information and references to sections, plans or operating procedures.
ENR	Measures Section 1.8, Page 1-12, Mitigation Hierarchy	Motions and the words "ensite" prior to effects. This is to separate more clearly from the concept of offsetting which could also involve reclamation or restoration but off site.	Under reclaim, add the words "onsite" prior to effects.	he Beers will add "on-site" to the description of rectain. Please note that distinction of "off-site" for offsetting was included in the last sentence for the context of offsetting (emphasis added): "Offset can take the form of pushler management interventions, such as off-site restoration of degraded habitat, arrested degradation or averted risk, and protecting areas where there is imminent or projected loss.
ENR	Section 1.8, Page, 1-13,	The Mine has completed zone of influence (201) monitoring and analysis, which does not inform on Mine mitigation but contributes to understanding cumulative effects to		De Beers will add "and partly addresses Measure \$21 of the Report of EA".
ENR	ZOI monitoring. Section 1.8, Page 1-3, Mitigations	catibou (Ne Beers 2000): Boulunce et al. 2012. * Defence may also wish to add that the DOI monitorine parts addresses Measure 521. It would be helpful if the list of mitigations identified in this section could be put in tabular format along with the impact they are being implemented to avoid, minimize or rectify.	Report of EA" identify the impacts that the mitigations listed are expected to address. The mitigations identified in this section could be put in tabular format along with the impact they are being implammented in small ministrates or satisfi-	The mitigations identified in Section 1.8 are repeated in subsequent sections where they apply. For example Section 2.2 Site Wildlife Monitoring and incidents includes a bit of mitigations in bullet form that are implemented at the Mine to recisive the potential for Mine-related wildlife incidents. Examples of those listed include wildlife awareness and safety training, prohibit hunting and trapping, establish and enforce speed limits, etc.
ENR	Section 1.8, Page 1-13,	Destruction of inactive raptor nests is a relatively new prohibition under the Wildlife Act, not reflected in this list.	At bullet 14, Add "and inactive raptor" nests", after "avoid	De Beers will add "and inactive raptor nests", after "avoid destruction of active bird nests" (bullet 14). De Beers will seek clarification about the situation when inactive nests are on infrastructure that is to be decommissioned as during
ENR	Bullet 14 - nest Section 1.8, Page 1-3, Mitigations for Aircraft at site	pilots should not fly below 300m.). ENR recommends that where possible pilots avoid routing flights over groups of caribou near or approaching the site.	destruction of active bird nests". Please include mitigations to minimize disturbance to wildlife from aircraft.	closure. De Beers will revise to include mitigations to minimize disturbance to widdlife from aircraft.
ENR	Monitoring of vegetation loss	It is unclear why DeBeers would need to monitor direct loss of habitat during closure and reclamation.	Please clarify if and how DeBeers is expecting additional loss of vegetation during closure and post-closure and, if so, identify which specific activities would be expected to contribute to this lose.	De Beers is not expecting additional load of vegetation during closure and post-closure. During the operations place, the direct box of vegetation from the Milne footprint was monitored to quantitatively measure the direct effects. This vegetation monitoring will continue into the closure and post-closure phases to monitor the change from habitat loss to rectained habitat, which will provide a measure of the positive change as a result of reclamation.
ENR	Primacy of plans	Debeters states: "Although the WAMPA is a stand alone plan, in areas of disagreement between the management plans, deferral will be made to the regulated plans under the MAVWB requirements." Please be advised that if the matter of disagreement between plans results in Debeters not adhering to its approved WAMPP, there is a risk that Debeters could be in violation of the Wildlife General Regulations.	If DeBeers has already identified areas where there may be disagreement between management plans it should be brought to ENR's attention before the revised WMMP is submitted to ENR for approval. Once the WMMP is approved but the Administration must be followed. Recommend deleting this list and referring to Section 1.8.	The Bases of Illusion to describe the Announ in ideas for of anotherin communities constrained with the Monitoria variety of an invariant to a result of an invariant to a
ENK	Section 2.2, Page 2-4, List of Mitigations	The list of mitigations implemented at the mine to reduce the potential for mine related incidents was mostly already provided in Section 1.8, and seems repetitive here in the monitoring section.		Please see response to ENR-8. De Beers has repeated mitigations listed in Section 1.8 in subsequent sections so they are more clearly linked to effect pathways and monitoring activities.
ENR	Section 2.2.3.1, Page 2-5, Detections of Nests	Deleters describe how observations of nesting activity will be harded, awaing. Incidents will be reported annually in the WMMP and as part of the EMS reported annually in the WMMP and as part of the EMS reported processors of nesting activity on Mine infestivative by bild species will be recorded, and decommissioning/demildration and reclamation activities in the area around the nest will be supported until the nest in no longer active. De Beers will report the presence of active nests to the regulating authority of the species (i.e., 8 Mor Canadian Wildlife Service). There is no mention of the need to constact RNA and obtain a General Wildlife Fermit if an uncoupled partor nest is destined and it is not possible to avoid destruction or moving of the nest. In the WMMP Determination letter, Deleters was advect that under new Wildlife General Regulations that came into effect in 2013, uncoupled partor nest on your best in controlled and the compart of the nests. The WMMP Determination letter, Deleters was advected that under new Wildlife General Regulations that came into effect in 2013, uncoupled partor nests in this work of the nests to the process of the nests and the object of the nests and the object of the nests and the object of the nests and the object of the nests and the nests and the nests and the nests and the nests and the nests and the nests and the nests and the nests are the nests and the nest	Revise this section to stipulate that if an unoccupied raptor next is detected on structures area scheduled for demolition activities, Debers will contact RNIs to report the situation, and if removal is necessary, obtain a General Wildlife Permit to authorize removal.	Do Beers will revise this section to identify that unoccupied raptor nests on areas scheduled for demolition should be reported to ENR and a General Wildlife Premit will be required to authorize removal.
ENR	Section 2.2.3.2, Frequency of systematic site surveys for wildlife	It is unclear how often personnel is expected to be visiting the site for monitoring visits during post closure, and how often systematic surveys for wildlife, and frecommended) wildlife sign will be completed.	Please clarify how often staff will be on-site during post closure for monitoring purposes, an therefore how often, when and where wildlife sign surveys might be conducted.	Staff visitation to the late during poor closure will be preciousmantly in the scriber months and will be company based. It is articipated that for the first 5 years of poot-closure there will be personnel on site each month from May to September. These visits however are subject to August and August and September of the subject to August and September of the subject of the September of the subject of the September of the subject of the September of the Septemb
ENR	Section 2.2.3.2, Camera monitoring / OP 201	Dist costs better inclusion of a procedure for deploying remote camera, however many details in this program are facility. There is also a discrepancy within the document regarding when camera monotiring will be used. Section 2.3.2.2 of the WMMP eagy camera will be used during production. For the Chapterial Procedure in the WMMP and process and the used during production. For the Chapterial Procedure in the Chapterial	Fease correct the discrepancy within the document regarding, when camers monitoring will be used and provide additional details on the closure and post-closure wildlife camers as will be deployed, how frequently camers would be placed out and retrieved, a map of key areas where deployment would be interested to the contract placed to the contract placed to the contract placed to the contract placed to the contract placed to the contract placed to the contract placed to the contract placed to this CPI in release sections within the	Remote camera will be deployed during both closure and post-closure phase. Dre Beens will revise the WMMP and OP to be consistent in the description of the camera program. Section 2.3 of the WMMP indicates that remote cameras will be placed at the Mnc Components identified in the FCRP. The Mnc Components identified in close the birth Pile and associated Water Management System, Infrastructure Areas (e.g., a shrips, building, waster management areas). De Beens will deploy about 30 camera, which would provide about 2 cameras for each of the different surface infrastructure areas. De Beens will include a map of the general remote camera locations in a revision of the WMMP. Exact camera locations and declara around the frequency of image capture will be provided in the annual reports following installation. OP 201 will be revised to provide more detailed procedures about capturing wildfile presence with remote cameras. De Beens will revise and instructure areas. De GOVID in Section 3.18 (instructions).
CIVE	Responding to Bears or aggressive animals at or near SLM		WMMP document.	
ENR	Section 3, page 3-2, Compliance with Bathurst Caribou Range Plan	Debeter disarkentries previous contributions to the Barren ground Carboo Management Strategy, and participation in regional colloborative girstly bear and eviderine hair- naging as compliance with the Officting Compensation Mechanism recommendation of the Barboust carboo Management Strategy and carnivor regional monitoring programs (which per-dated the BCRP) to be support for regional monitoring cumulative effects initiatives for sopa lace (which her subjusted in the Environmental Agreement 7-46), and would not consider these initiatives as officiant corresponding mechanisms under the Barbour Carboo Management Agreement 7-46, and would not consider these initiatives as officiant corresponding commentations under the Barbour Carboo Management Agreement 7-46, and would not consider these initiatives as officiant or compensation or consideration consideration of the particular recommendation in the range plan, and at this point, it would not be appropriate that suggest that these efforts meet such requirements. As in Institute of the Carboo Management and these efforts meet such requirements. As in Institute of the particular recommendation in the range plan, and at this point, it would not be appropriate that suggest that these efforts meet such requirements. As in Institute in the contribution of the particular recommendation in the range plan, and at this point, it would not be appropriate that suggest that these efforts meet such requirements. As in Institute in the contribution of the particular recommendation in the range plan, and at this point, it would not be appropriate that suggest that these efforts meet such requirements. As in Institute in the contribution of the particular recommendation in the range plan, and at this point, it would not be appropriate that suggest that these efforts meet such requirements. As in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institute in Institu	Please remove the reference to previous contributions to the Barren-ground Carlbou Management Strategy, and participation in regional collaborative grizzly bear and wolverine hair sanging as compliance with the Offsetting / Compensatory Mechanism recommendation of the Bathurst Caribou Range Plan.	De Beers agrees to update wording to indicate that they have made contributions to support key initiatives in the past, and that they will continue to explore opportunities to contribute in the future. De Beers agrees that these contributions on our present effects as defined by the WMAMF dischlers (GWMT-RIN 2019) or international guidelines (BBOP 2021). Offsetting was not identified as a requirement during the planning or assessment phases of the Snap Liake Mine. The references to offsetting compensatory mechanisms will be removed. References BOP (Bauchess and Biodiversity Offset Programme). 2021. Mitigation Hierarchy, Available at: http://https://www.forest-tereds.org/bbop/bbop-key-concepts/mitigation-hierarchy/. Accessed: June 6, 2021. GRWT-EHR, 2013. Wildlife Management and Monitoring Plan (WMMP) Process and Content Guidelines. Yellowkinfe, NT, Canada.

REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
ENR	Management of Wildlife Attraction Section 3. Page 3-2.	Elst notes that neither the WMMP or the Watst Management Plan, taken together or separately, satisfactorily addresses how adoptive management is used to reduce attaction of weldlist. Plan acknowledges that many of the procedures for managing wates to minimize satisfic attraction are exclusive of investion 5.3 of the Watst Assessment Flan, Toweren, it is under how complaints and presence of weldlife are mentioned to identify when and how additional monitoring or malgration actions. Are designed in the process of	Account of reservoir to the WMAP that outliess adopted water management operfacility at Indians to Adopted water management operfacility at Indians to enabling with a Management Plans, as well as a framework for finding monitoring of water stream compliance, which severables are sund water management areas, thereafth of the action and specific miligations to the properties of the propert	Centers 2.1.3 of the WiMMP identifies that the inspection of reacts management area will record the presence of willder attractions to determine the efficiency of the Widness and the will be desired to the presence of will be a served on the wind the presence of the Widness and the will be a served on the wind the wind the presence of the Widness and the wind t
	Mitigations to reduce sensory disturbance to caribou	reduce sensory disturbance to carbon. The wording of the measure is consistent with the recommendation made in the BMT stets of September 18, 2000 better owns with BMT to develop the specific Model Circlino Connersation Mouseurs as identified in the Bathurst Carbon Kapper Rin. Bit is currently developing adultiens for smaller operations that we can discuss with you. For project—specific equivalents developed for larger operations, Deleven may refer to the Carbon Alexand Mitigation Plan which Rappendic of the approved play Project WMM at the Latuk Inter and Section 17.1.5 of the Willife Mitigation and Advanticing Plan for Schans Gold & Silver Corp's Back River Project. As Snap Lake is located in the core range of the Bathurst herd, this will be a necessary component of an approved WMM/P.	specifically and concurrently address Measure R13 and be comsistent with the BCRP recommendations for Mobile Caribou Conservation Measures that identifies to a) how approaching caribou will be detected, b) identify trigger levels to initiate action and citered milgations that may be undertaken to avoid and reduce sensory disturbance to caribou from closure operations.	identify trigger levels to initiate action, and describe the tiered mitigations that may be undertaken to avoid and reduce sensory disturbance to carbou from closure operations.
ENR	Section 3, Page 3-2, ZOI monitoring Section 6.0 Reporting	Section 1.1.1.5 states that to determine if a cardiou. 200 changes in relation to mine activity." Regression or other similar statistical models will be used to evaluate changes in 201 in relation to mine activity and natural fortics. Mechanism(c) causing such changes are uncertain and likely related to source of sensory disturbance operating simultaneously. Therefore, this monitoring does not directly inform on mitigation but is used to fill as information pap. Activity at the Mine site during the commissioning entering the sensor of the sen	To the extent that sample size allow, 201 estimates should be generated for every year that sample size allow, and analysis methods will follow recommedations in the most current 202 guidance. 201 estimates will be provided within comprehensive WMMP reports provided at the end of closure and of post-closure. In addition to the annual WWMP reports. Delicers should	Do Beers will include annual 201 estimates for years where ample sizes are sufficient. Do Beers would like to note that the time or season of the point estimate (if you capture) who you capture as a proposition size (is, i.e., externity, carbous are more feedings where the mine during water than when position for inverse again, we may get assistantly achievable) may change across years depending on the curbou proposition size. It is consistent with respect to season from year to year and this will influence the competentive analysis at the end of closure and post-closure. The methods used for 201 analysis have used one time, to 20 Beers' will be a first a best by the size of the s
EWK		Tomorrounds Agreement and that each year the report will assume the commission data and subject from baseline through present." Deleters then catalon." Experience has shown that significant patterns associated with effects from initial operations and natural factor are hypically not appear with data calculated during one or reported. However, if significant results are obtained within the short-term, then a discussion of their results will be provided annually. All results will be discussed in the context of predictions and in the LAR (De less 2002) and relative to potential environments displications. This notes there is no memorial or disputable experts and or provided annually. All results will be growted annually, all results will be discussed in the context of predictions and in the LAR (De less 2002) and relative to potential environments displications. This notes there is no memorial or apprehensive reporting to provide more in depth analysis of the data sets accumulated over the years, summarize lessons learned or highlight the most significant finding over the year.	provide a comprehensive WMMP report once at the end of closure and again at the end of post-dosure to provide more in depth analyses of the datasets and discuss final conclusions and lessons learned. ENR would like to meet with Debeers to discuss reporting schedule options and alignment in the context of other reporting requirements (i.e. water licence	
ENR	Reporting of Incidents to ENR		An Incident Report should be completed for all wildlife deterrent actions taken and submitted to ENR. Blank incident report forms can be downloaded from the following link: https://www.enr.gov.nt.ca/sites/enr/files/resources/sample_p	Acknowledged.
ENR	- OP 194 & OP 078 Deterrence & handling of aggressive animals	The O'th dealing with deterrence and handling of agentsive animals are at times redundant, unclose and improperly titled for anymose seeling operational guidance. For instance, it is not de-unberde O-1914 is primary focused on bears or out carbou. The title red is red to reduce the original of the original o	DeBeers should regardize the content of the OPs and choose a title that reflects what is actually found within it. Include more guidance for situations in which deterrence of carbou would be warranted. The primary miligation is to avoid disturbing carbiou. They should be deterred using berding if there is an immediate safety concern for people or the animals.	De Berrs will review the OPs and reorganize/revise the content as needed and as committed to above in relation to SLEMA comments.
ENR	EP-DOP 001 - Effects of the winter road	Data on traffic levels on the winter spur road at a temporal scale that is useful as a co-variet in other analyses (DD, wildlife incidents, caribou movements through the area,) during active dozume outside facilitate investigation of the effects of the winter road. ENes leggests other expanding the cope of Winter Road Wildlife and Public Use Surveillance program (EP-00P 003) to include traffic monitoring, or adding details in the WMMMP about how this is currently collected and reported.	ENR recommends that Snap Lake report daily traffic level (public and project-related) for its winter spur road in its annual wildlife renorts. Fix the discrepancy regarding frequency of winter road	De Beers will provide mine-related traffic levels for the winter access road. De Beers will consider adding a remote camera and/or traffic counter at the junction with the TCWR to record daily public use of the Snap Lake Mine winter access road, and will update Section 2.2.3.1 to reflect that addition. De Beers will review the discrepancy in EP-DOP 001 regarding frequency of winter road surveillance.
	EP-DOP 001 - Frequency of winter road surveillance	This OP provides conflicting information regarding the frequency of winter road inspections. Under Scope, the OP identified that security personnel will patrol the winter road once every two weeks. Under Section 3.1, states the Security Contractor is performing daily surveillance. ENR recommends that daily surveillance is appropriate.	surveillance in EP-DOP 001.	
ENR	Sensitive times for	ENR has been unabe to locte information regrding sensitive times for various widlife species.	Please include information on sensitive times for widlife species that staff are expected to monitor for.	De Beers will add additional information in Section 1.5 about sensitive times for wildlife species of concern that are monitored as part of the WMMP commitments.
ENR	wildlife Difficult to locate SOPs	There is no list of SOPs available in the WMMP to demonstrate which ones are available and the order they are in to make them easier to find.	Please provide a Table of Contents or List of the SOPs as well	De Beers will add a table of contents in an appendix of SOPs.
ECCC	Species of Concern Table 1.1: Species of Concern for the Service Sea Lake Mine, Potential Effects, and Reided Monitoring Components in the Wildlife Management and Monitoring Frogram Snap Lake Mine Wildlife and Wildlife Habitat Protection Plan -2019 Annual Report	Table 1-1 (Species of Concern for the Shap Lake Mine, Potential Effects, and Related Monitoring Components in the Wildlife Management and Monitoring Program Jists all of the species of concern for the Shap Lake Mine. BCCC notes further species that have been observed on site in the past. Both bank and barn swallow are listed as "Threatened" under the Species at Risk Act since November 2017. Bed-necked phalarope was listed as "Special Concern" under Species at Risk Act in 2019. Lesser yellowlegs was recently assessed by COSEWIC as "Threatened" in November 2020. Harrits's sparrow was assessed by COSEWIC as "Special Concern" in April 2017. Lesser yellowlegs was recently assessed by COSEWIC as "Special Concern" in April 2017. Lesser yellowlegs was recently assessed by COSEWIC as "Special Concern" in April 2017.	as associate offerences subthin the text to the associates (50%). ECC recommends 750 tells 1-10 be updated to include bank swallow, harm swallow, red-necked phalarops, leaves yellowless and Harris's sparrow, including the mitigation and monitoring measures to avoid or leasen effects of the mine.	De Beers will update Table 1-1 to add additional species at risk observed or expected in the wildlife regional study area to the Tier 2 WMMP, as identified in the 2020 WWHPP and WEMP.
ECCC	Distribution List Section 5: Quality Assurance/Quality Control Procedures Section 6: Reporting	The Proponent has stated for all components of the WMMP, the study designs, field methods, and data collection techniques will be reviewed on an ongoing basis by the Beers, their environmental cologists, and regulators. EECC has jurisdiction for wildlife under the Migratory Birds Convention Act and federal Species at Risk Act but is not included on Snap Lake Mine's annual report distribution list	ECCC recommends De Beer's update their annual distribution list to include ECCC. Annual reports can be sent to ECCC at EANorthNWT@ec.gc.ca	De Bers will update the annual distribution list to include ECCC.
ECCC	Section 2.2.3.1: Wildlife Incidents	The Proponent states "incidents will be reported annually in the WMMP and as part of the EMS reporting." The WMMP does not contain a section for contacts to report wildlife incidents and/or mortalities.	ECC: recommends that a section identifying who to contact to report wildlife includents and or mortalities be added to the VMMP and reviewed to a section of the properties contacts are reached directly and to reduce potential delays in receiving advice. ECC's Canadian Wildlife Service and Wildlife Enforcement can be contacted at: « vasionth-schond@ecg.ca. ! « disfinord-wednish@ecg.ca.	De Beers thanks ECCC for providing contact details and will add a "Contacts' section for reporting wildlife incidents and/or mortalities. De Beers will include ECCC CWS' contacts as provided.

REVIEWER	TOPIC	COMMENT	RECOMMENDATION	PROPONENT RESPONSE
ECCC	Site Monitoring	ECCC notes that, among others, mitigations to reduce mine-related wildlife incidents include providing training to on-site personnel, nest	ECCC recommends the Proponent avoid	De Beers will add mitigation in Section 1.8 to avoid disturbance of nesting migratory birds during the general nesting period (March to mid-August).
		surveys in areas prior to decommissioning/demolition and reclamation activities, and to avoid the destruction of active bird nests.	decommissioning, demolition and reclamation	
	Section 2.2: Site		activities on existing infrastructure where	The WMMP includes completing nest searches prior to decommissioning, demolition and /or reclamation activities in OP 014. Inspections will include searching entire areas where activities will occur for
		Section 2.2.3.1 (Wildlife Incidents) states "Observations of nesting activity on Mine infrastructure by bird species will be recorded, and	migratory birds may be found nesting during the	wildlife and nests (if applicable). Activities will not commence until the survey inspections are complete and the facilities or areas are deemed not to contain wildlife, nests, eggs or young. Unoccupied nests will
	and Incidents	decommissioning/demolition and reclamation activities in the area around the nest will be suspended until the nest is no longer active."	general nesting period (early May to mid-August).	be reported to the Department of Environment and Natural Resources, Government of the Northwest Territories or Environment and Climate Change Canada to determine the appropriate course of action.
				De Beers will revise the OP 014 to specify that during the general nesting period, De Beers will complete nest sweep surveys prior to disturbance (e.g earth works or demolition) of features where bank
		"Site monitoring" is listed as a monitoring measure for all species in Table 1-1. The Operating Procedure (014) describes in more detail the	If decommissioning, demolition and/or reclamation	swallows may be nesting to ensure they are not being used for nesting. De Beers may also use additional mitigation such as noise making devices and/or visual deterrents to deter nesting on infrastructure
		period when monitoring will take place, the frequency of the monitoring, the areas the monitoring will focus on, how the data will be	activities must occur during the general nesting	scheduled for decommission, demolition or reclamation.
		collected/entered, and when ENR or ECCC will be contacted.	period on features that could be used by bank	
	Effects, and Related		swallow for nesting (i.e. stock piles or coarse	De Beers will contact ECCC's Canadian Wildlife Service (cwsnorth-scfnord@ec.gc.ca) as soon as possible if nests are detected to ensure adequate mitigation and monitoring measures are put in place.
	Monitoring	The Operating Procedure (014) specifies that an Environmental Technician will inspect facilities for wildlife presence immediately prior to	processed kimberlite), ECCC recommends that	
		closure activities involving decommissioning, demolition of infrastructure or areas where mobile equipment will be used for reclamation or	surveys be completed daily on these features to	
	Wildlife	rehabilitation. ECCC notes that depending on the duration of the activities and the features being demolished or reclaimed it is possible that	ensure they are not being used for nesting.	
	Management and	birds may try to use features for nesting even during demolition or reclamation activities. For example, bank swallow may attempt to nest on		
	Monitoring Program	stockpiles or coarse processed kimberlite even while actively used.	ECCC recommends the Proponent contact ECCC's	
			Canadian Wildlife Service (cwsnorth-	
	Appendix B:		scfnord@ec.gc.ca) as soon as possible if nests are	
	Operating Procedure		detected to ensure adequate mitigation and	
	(014) -		monitoring measures are put in place.	
	Environmental			
	Inspections; pdf			
1	nage 50			