

GYA CS Revisions:

1) Add this language to intro: This CS will remain in effect beyond recovery, delisting, and the five year monitoring period required by the Act as grizzly bears will always be a “conservation-reliant” species (Scott *et al.* 2005, p. 384) because of their low resiliency to excessive human-caused mortality. Therefore, the need to coordinate management of the population across multiple land ownerships and jurisdictions will always remain.

2) ~~Demographic review will be done 5 years post delisting and at least every 10 years thereafter to ensure population objectives are being achieved. More frequently than that doesn't make biological sense.~~

Comment [rs1]: Thompson: what are these? He's also gonna define “stability”

3) To facilitate connectivity, would it be possible for FWP to commit to no hunting in the Tobacco Root and Highland Mountains?

4) ~~work w/ Kevin on this language~~

5) drop the CS Mgmt. Area polygon entirely? It's not relevant any more....right?

6) drop the CEM (this means dropping HE & HQ also, right?). Please review draft language since there is now no measure for HQ and beef it up?

a. Because we no longer consider the Cumulative Effects Model to represent the best available science, we are no longer relying on or reporting measures of habitat quality or effectiveness using it. Instead, the Study Team will assess and mitigate human-caused changes to grizzly bear habitat through maintenance of the 1998 baseline values for developed sites and secure habitat.

b. any project ~~that reduces the~~ amount of secure habitat permanently will have to provide replacement secure habitat ~~of similar habitat quality (based on our best collective scientific understanding of grizzly bear habitat)~~

Comment [rs2]: tell Lisa this

7) change reporting/monitoring protocol for motorized route density to remove seasonal designation

8) add appendix with protocol for coordinated, discretionary mortality mgmt post delisting?

9) GYE v GYA...have to stick w/ GYA but will reference the fact that when we use this term, it is the same meaning as GYE, as described in Schwartz et al. 2006.

10) updated figures...just copy from annual reports? ~~If so...need an unsecured copy.~~

Comment [rs3]: talk to Mark & Lisa

11) **Private Land Development:** CS (p.54) calls for monitoring of private land developments. Specifically, it requires that we monitor human-caused mortality related to private land conflicts (which IGBST does), BUT it also says “*To assist in minimizing conflicts, a need exists to develop a protocol to categorize private lands and report changes*”. This took me by surprise, since no effort that I know of has ever been tasked to accomplish this. It goes on to mention that the states will take the lead on this. Since this hasn't been done, I am not sure how to re-write this section. Do I just keep it as it is?

Comment [rs4]: remove entirely. No monitoring of development nec. since we monitor conflicts & mortality and this is the primary impact of private land development

10)12) The same issue goes with tracking hunter numbers (p. 53)!

Comment [rs5]: remove...same reason as above

a. To me, hunter numbers is not a meaningful metric

11)13) Remove references to Seasonal OMARD in monitoring protocol.

12)14) updated ch. 2 w/ most recent recovery criteria

15) genetics monitoring (that already went through public review)...where would a girl find this document/language? How did we solicit public comment?

Comment [rs6]: Mark's looking for this

a. Spring 2009 YES meeting

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13)b. Mark's sending me the proposed language

14)16) inadequate funding as a trigger

15)17) changes to Commission rules or state laws that depart significantly from the CS

16)18) any criteria being routinely not achieved = status review

17)19) revisit 2020 deadline for documented genetic connectivity?

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18)20) No translocation until it is demonstrated that levels of genetic diversity are a threat or deleterious (maybe just remove the translocation language entirely due to the Ne work Haroldson is doing) from Sept. draft of the rule: In light of new information documenting increased levels of heterozygosity and an effective population size of 185 animals, we have removed the deadline of 2020 for translocation from the Conservation Strategy. Instead, translocation will be a last resort and will only be implemented if there are demonstrated effects of lowered heterozygosity on GYA grizzly bears or significant decreases in genetic diversity.

Comment [rs7]: yes, delete the 2020 reference

19)21) change "Bio&Monitoring Review" to "Mgmt review"?

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20)22) state laws chapter – include more description (like in NCDE)

21)23) FSOs in all suitable habitat on USFS lands

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22)24) No translocation until it is demonstrated that levels of genetic diversity are a threat or deleterious (maybe just remove the translocation language entirely due to the Ne work Haroldson is doing)

23) Do we have to get signatures again?

24) Delete or renew/clarify commitment to monitoring private land development and hunter numbers

25) Delete Appendix G? – Motorized Access mgmt. inside & outside PCA (all the stuff inside the PCA is repetitive w/ Ch. 3 and should be included in its entirety there). Outside the PCA is minimal and inconsistent w/ 2006 FEIS & ROD

26) New Montana mgmt. plan in 2013

26)27) Review all appendices...Appendix A – summary of governor's roundtable?

27)28) TRIGGERS FOR A USFWS STATUS REVIEW: define "significantly" in state law, hunting regs, or Tribal ordinances clause....if it will make the population decline or create range retraction w/in the DMA only; triggers for 3 consecutive years or routinely

- a. routinely not defined, but an example given...2 years violated, 1 year ok, 2 years violated = 4 of 5 years