From:	Wiechman, Lief
To:	Pat Deibert
Subject:	outlines
Date:	Tuesday, March 31, 2015 3:05:30 PM
Attachments:	GRSG2015_Outline_SpReport_20150331 (CLEAN - draft).docx GRSG2015_Outline_SpReport_20150331 (draft).docx

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Two versions:
Track changes (w/ comments) and a clean (w/ comments)

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Greater Sage-Grouse Species Report Outline

Introductory and Background Section

Chapter: Executive Summary ***(Amy Nicholas)***
Short (2-3 page) summary of the report.

Chapter: Introduction ***(Sarah Backsen)***

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Discussion about how/what these plans are doing to ameliorate the threat should be in the discussion of the threats themselves (following chapters) or the Cumulative Effects chapter.

At this point, introduce the reader to the concepts, terminology, etc.

DRAFT

- DOD/DOE
- Tribal Lands and Plans
- State Plans
- Private Lands
  - FWS CCAA
  - NRCS SGI
- Existing Regulatory Mechanisms
  - Federal
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Impacts Analysis

Include threats table to indicate cumulative threats or threat interactions. All threats will use Management Zone as the common spatial scale/unit of analysis.

Habitat Loss and Fragmentation

Chapter: *(Tier 1)* ***Wildfire (Altered Fire Regime)*** *(Genevieve Skora)*
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Chapter: *(Tier 3)* ***Drought*** *(Angela Burgess)*

Overutilization

Chapter: *(Tier 3)* ***Hunting*** *(Amy Nicholas)*
Chapter: *(Tier 3)* ***Scientific and Education Purposes*** *(TBD)*

Comment [LW 6]: JD, this is what you had in your version… assuming it would be a summary, with the bulk of the discussion coming later…

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Comment [LW 9]: Maybe this is where we discuss the existing Regulatory Mechanism…?

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Other Threat Factors

Chapter: *(Tier 3)* ***Small population and life history traits affecting population viability*** *(Lief Wiechman)*
Chapter: *(Tier 3)* ***Contaminants*** *(Angela Burgess)*

Cumulative Effects

Chapter: Threat Interactions (TBD)

It will describe synergistic relationships among threats described in chapters above. These relationships are identified in individual threat chapters under 'Compounding Effects'. This chapter will lead reader into cumulative threats discussion below. (Examples: Fire and Invasives, Fire and Conifer, Anthropogenic disturbance and predators)

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This chapter is the discussion of cumulative threats and plans/action to ameliorate ***by MZ****.*
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- Laws, regulations, Polices and Management Plans
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Comment [DP15]:
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Make into CE section, should include compounding/synergistic effects.

CE may be a separate threat chapter.

Include what amelioration factors are happening where – summary of threat and conservation by MZ – including the Regulatory Mechanism and on-the-ground conservation efforts/actions

Comment [DMD16]:
I think we need to discuss the utility of this section. This discussion is not represented consistently across individual chapters and the bulleted summaries some chapters provide little valuable information compared to the narrative included in other chapters.

Do we need to include the compounding effects section in the individual threat chapters and if so what should that look like? If not is it better to summarize here to reduce repetition? Can we eliminate this section entirely or find a way to incorporate it into the discussion below?

Comment [LW 17]:
Different from the preceding chapter, this would describe how Agriculture and Infrastructure cumulatively impact the species in MZ 1 (for example). Not necessarily synergistic, but present at the same time in the same place.

Comment [LW 18]:
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DRAFT

Overall Summary of Species Status

Chapter: Overall Summary of Species Status (TBD)

What's new and different since 2010 status determination?

Comment [DP22]: CG:
This be redundant to the CE chapter, if the CE chapter stands alone…
So this needs to be an overall summary, may not need to provide extensive discussion by MZ as that will be captured above. This should be a summary to the species as a hole.

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Comment [GM23]: Place for evaluation of conservation efforts to be attached. Need to discuss if we want this attached or separate from report.

Tools for Writers:

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Cumulative Effects ~~Summary of Effects~~

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- ~~MZ 7 (Colorado – TBD)~~
- ~~Rangewide Summary?~~

~~***Chapter: Threat Amelioration (TBD)***~~

~~This chapter would describe the efforts implemented and planned to reduce or remove threats and risks on the landscape. Summaries of conservation action information would be summarized from CED, as well as evaluation of plans, policies, and regulatory mechanisms, broken down by MZ.~~
~~The following sub-sections are recommended for this MZ subsection, based on the organization of the 2010 greater sage grouse finding:~~

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Comment [DP21]: Combine into CE – see comment above

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Overall Summary of Species Status ~~and Impacts~~

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