			Page #, Paragraph,		
Comment No.	Agency	Section	Sentence*	Comment	Comments about response
1	CWCB	Annex B, Section 6 Agricultural Sector	B.75	Define green industry (it may be elsewhere in the report)	Added the definition that appears later in the report to this page
2	CWCB	Annex B, Section 6 Agricultural Sector	B.75	Third bullet under key recommendations, add water availability after "specific analysis of irrigated crops and water availability"	Added 'and water availability'
3	CWCB	Annex B, Section 6 Agricultural Sector	B.75	Consider a recommendation that encourages the alternative transfer methods	Added recommendation under Section 6.6.1. "Adaptation to Drought."
	CWCD	Annex B, Section 6	D.00	last kullat is most isstences the use of slavestic methods will service starses to servide a more reliable ustar surplu	
- 4	OWOD	Annex B, Section 6	B.92	first bullet on the page- suggested re-wording "A firming of ag supplies may be necessary, requiring additional storage,	
5	CVVCB	Annex B, Section 6	B.93	minastructure, and advanced water treatment.	Reviewed SWSI for context, decided that "annual water deliveries are preserved" did not fit with
6	CWCB	Agricultural Sector Annex B, Section 6	B.93	Unclear what "annual water deliveries are preserved" is describing, please elaborate	what the paragraph was conveying, deleted the bullet. Reviewed SWSI for context, decided that the reference to groundwater did not fit with what the
7	CWCB	Agricultural Sector Annex B, Section 6	B.93	Last bullet, I would suggest re-wording	paragraph was conveying, deleted the bullet.
8	CWCB	Agricultural Sector	B.93	The Rio Grande is reducing their gw voluntarily and not due to permanent transfers of water rights	Changed text to reflect this
9	CWCB	Agricultural Sector	B.93	use of water, whole and that of water emotions include a company primately primately and the base the device the theorem and the base the device the	Added recommended text
10	CWCB	Agricultural Sector	B.99	perations. Machinery, etc may be difficult to go from say alfalfa to onions.	Added text noting these difficulties
11	CWCB	Annex B, Energy Sector		Consider renaming section to be Energy and Extraction Sector	The name "Energy Sector" was agreed upon by the project team and several workshop groups
12	CWCB	Annex B Energy Sector	Table 7 1	Consider defining produced versus dewatering groundwater and clarifying that language. Also add that hydro power needs flow for power generation	This table is reproduced from another document. A sentence was added to the text to make it more clear that this is a reproduced document
	01105	Funition B, Energy Coolor			
					Added the following text: " reducing the use of conventional coal-fired power plants and increasing reliance on certain types of renewable energy, combined cycle natural gas plants,
13	CWCB	Anney B. Energy Sector	B 123	Third complete paragraph. You might also want to mention that switching away from coal to natural gas uses a lot less	and advanced cooling systems (like dry cooling) could reduce the amount of water used for electricity generation in the state"
10	ONOD	Annex B, Energy Occion	D.120	Last paragraph needs to be updated with the new information coming out of phase II energy report, which is 120 KAF, not	electrony generation in the state
14	CWCB	Annex B, Energy Sector	B.123	378 KAF for oil shale. In addition, Western Resource Advocates is citing the energy phase I study, and the original should be used since it was CWCB funded research and the original.	The number was updated to 120 KAF and the most recent memo is cited.
15	CWCB	Annex B, Energy Sector	B.124, Table 7.2	Typo first line, second column. "diversity" should be "diversify"	Changed text to 'diversify'
16	CWCB	Annex B, Energy Sector	B.126 and 127, Figures 7.6 and 7.7	Consider adding "n=x" for how many respondents for each basin and/or bar	Not addressed due to resource constraints
17	CWCB	Annex B, Energy Sector	B.128	Should cite Final 2010 Demands to 2050 Report and revise numbers accordingly in this section	Changed citation
18	CWCB	Annex B Energy Sector	B 128	You might mention that the Phase I study is WSRA grant funded by CWCB. Also, the Draft results are in for the Phase II study.	Added text to this effect
19	CWCB	Anney B. Energy Sector	B 131	These numbers should be revised to reflect the new oil shale numbers	Added a note explicitly saving that oil shale is not included in the oil and gas estimates
10	01105	Funition B, Energy Coolor	5.101	Generally, there may be a bit of inconsistency with our work on this same area. I'm not sure that really matters, and I hope to have time (name day) to compare the time (name day) to compare the time (name day) to compare the time (name day).	riddod a noto ovprioral odying that on onalo to net inoladod in the on ana gao odimatoo
20	CWCB	Annex B, Energy Sector		you've done this already.	Agreed, this sort of comparison would be valuable in the future.
21	CWCB	Annex B, Environmental Sector	B.157	Second paragraph, need citation for \$8.5 to \$15 billion figures	Citation added
22	CWCB	Annex B, Environmental Sector	B.157	Third paragraph, second sentence, perhaps replace the word "environmental" with "ecological"	Replaced words
23	CWCB	Annex B, Environmental	B 157	Third paragraph broken reference	Fixed reference
20	ONOD	00000	5.101		
		Annex B, Environmental		vulnerability, whether from the Rio Grande Compact work (50% peak; 80% base flow) to other work by Brian Richter, etc.	
24	CWCB	Sector Annex B, Environmental	B.161	Generally, this section is fine, but could mention that there are flow metrics that could be used to further refine the risk.	We agree that flow metrics would be suitable for a full drought risk assessment (future work).
25	CWCB	Sector	B.162	First paragraph, sentence starting "for wildlife, a species ability" should read For wildlife, a species' ability"	Text has been corrected
				very limiting time period for fish in times of drought. This is in regards to both flow and temperature, especially for	
26	CWCB	Sector	B.162	than winter base flows.	Added a bullet to this effect
27	CWCB	Annex B, Environmental Sector	B.163	Second full sentence, the word "to" should be removed prior to the word "for"	Removed the word 'to'
28	CWCB	Annex B, Environmental Sector	B.163, Table 8.1	Second row, under the fourth impact, the first letter in the word "In" is bolded when it should not be.	Got rid of bold formatting
20	CWCB	Annex B, Environmental	B 164	Throughout the document and found several times on this page, SWSI phases are listed as Phase I or Phase II. These are historically Phase 1 and Phase 2 (not in roman numerical). This should be revised for consistency	All instances of "Dhase I" or "Dhase II" have been replaced with "Dhase 1" and "Dhase 2"
29	CVVCD	Annex B, Environmental	D.104	First full paragraph, the word "concentration" is not fully accurate for all basins, but I'm not sure that this matters too much	Annistances of Thase I of Filase II have been replaced with Filase I and Pilase 2
30	CWCB	Sector	B.165	for your purposes	Changed the wording to presence instead of concentration

				I'm not sure what page this should go under, but the General Assembly revised the instream flow statutes to allow irrigators to temporarily "toan" unused water to CWCB for instream flow purposes at times when the Governor declared a drought (Colo. H. 03-1320, 64th Gen. Assembly, 1st Reg. Sess. June 5, 2003). In 2005 this section was again revised to allow for such loans in three out of every ten years. Thus elimination the requirement that the Governor declare an	
31	CWCB	Annex B, Environmental Sector	B.165	emergency (Colo. H. 05-1039, 65th Gen. Assembly, 1st Reg. Sess. [Mar. 25, 2005]). (http://www.roaringfork.org/pub/collaborative/Appendix%202%204%20CWCB%20Instream%20Flow%20Background.pdf)	This information was added to Table 8.2
32	CWCB	Annex B, Environmental Sector	B.169	last line of page, I don't think you mean "other stream nad riparian" perhaps "and." :)	Changed to 'other stream and riparian'
33	CWCB	Annex B, Environmental	B 174	Second paragraph, the USDA should be mentioned, as they are the ones that produce the noxious weed books and	Added a reference to LISDA and noted the povious weed books they provide
00	01100	Annex B, Environmental	D.174	provide major support to the county level week guys.	
34	CWCB	Sector	B.174	Last paragraph, second sentence "currently" should be "current."	Changed to 'current'
35	CWCB	Annex B, Environmental Sector	B.177	short at a diversion or those that have more than two seasons or were reduced because of flow availability. These three classes of ISFs likely indicated increased vulnerability during times of drought for those species they are meant to protect. The Priority Waters team also produces some additional metrics. Perhaps these should be listed as research to be incorporated into future work.	Good recommendation. Future work should include coordination with the Priority Waters team and CWCB to enhance future metrics.
36	CWCB	Annex B, Environmental	B 177	Reparan mapping, in not sure mis memory is not best. Probably too rate to change, but we have an extensive GIS database of riparian habitat, including its rarity and its ranking with regard to health. This is pulled from CNHP, which, understandably, is not a fully complete dataset, as they have not surveyed everywhere, but counts per county could be used.	Good recommendation. More detailed information such as the recommended riparian data
	CWOD	Annex B, Environmental	D.177		
37	CWCB	Sector	B.183	Second line, space before period	Added a space before the period
	014/07	Annex B, Environmental	5.400	Here and elsewhere you refer to evaluating NCNA findings in a consistent manner. I don't disagree, but you should be aware that we tried to do this and got significant push back from the roundtables. The Provinty Waters team went and did	This is not meant as a criticism of the data used in NCNA, which, as discussed above, appears to be detailed and well organized. Rather we are simply stating that data categories are sometimes different from those used in the Drought Vulnerability Study, or are not the same from one basin to another. The challenge of using the NCNA results directly is something that should be considered in the next drought vulnerability assessment.
38	CWCB	Sector Annex B, Environmental	B.183	the analysis using the same data layers constantly statewide, and got a 90% overlap with the roundtable process.	We have modified the text to get rid of the term inconsistent
39	CWCB	Sector	B.185, Table 8.4	Might want to mention watershed groups and other local environmental groups as being potential partners	Added a row to the table noting watershed groups and other local environmental groups
40	CWCB	Annex B, Environmental Sector		Mitigation strategies: if you would like to indicate some additional mitigation strategies, Chris and Jacob could most likely help brainstorm additional actions that could reduce the risk. For instance, the 700+ projects and methods identified by NCNA Phase II include several items that are critical to ensuring healthy ecologies that can withstand times of drought	Unfortunately this is outside the timing of this project but should be done in future work.
41	CWCB	Annex B, M&I Sector	B.191	Footnote: should cite Final 2010 Demands to 2050 Report and revise numbers accordingly (also on page B.192)	Changed citation
12	CWCB	Anney B M&I Sector	B 101	Linande "Wennade" to "Wensite"	Changed to 'website'
42	CWCB	Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194	Change "webpage" to "website" Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page.	Changed to 'website' Changed to 'as'
42 43 44	CWCB CWCB CWCB	Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194 B.205	Change "webpage to website Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page. Change "Northern Colorado Water Conservation District" to "Northern Colorado Water Conservancy District"	Changed to 'website' Changed to 'as' Changed to 'Northern Colorado Water Conservancy District'
42 43 44 45	CWCB CWCB CWCB CWCB	Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194 B.205 B.207	Change "webpage to website Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page. Change "Northern Colorado Water Conservation District" to "Northern Colorado Water Conservancy District" Figure 9.6 Legend - typo "statewide" to "statewide" (same for Figure 9.8, 9.10, 9.12, 9.14, 9.16, 9.18)	Changed to 'website' Changed to 'as' Changed to 'Northern Colorado Water Conservancy District' Changed to 'statewide'
42 43 44 45 46	CWCB CWCB CWCB CWCB CWCB	Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194 B.205 B.207 B.211	Change "webpage to website" Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page. Change "Northerm Colorado Water Conservation District" to "Northerm Colorado Water Conservancy District" Figure 9.6 Legend - typo "statewide" to "statewide" (same for Figure 9.8, 9.10, 9.12, 9.14, 9.16, 9.18) Footnote: should cite Final 2010 Demands to 2050 Report and revise numbers accordingly in this section	Changed to 'website' Changed to 'as' Changed to 'Northern Colorado Water Conservancy District' Changed to 'statewide' Changed citation
42 43 44 45 46	CWCB CWCB CWCB CWCB CWCB	Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194 B.205 B.207 B.211	Change "webpage to "website" Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page. Change "Northern Colorado Water Conservation District" to "Northern Colorado Water Conservancy District" Figure 9.6. Legend - typo "statewide" to "statewide" (same for Figure 9.8, 9.10, 9.12, 9.14, 9.16, 9.18) Footnote: should cite Final 2010 Demands to 2050 Report and revise numbers accordingly in this section	Changed to 'website' Changed to 'as' Changed to 'Northern Colorado Water Conservancy District' Changed to 'Statewide' Changed citation
42 43 44 45 46 47	CWCB CWCB CWCB CWCB CWCB CWCB	Annex B, M&I Sector Annex B, M&I Sector	B.191 B.194 B.205 B.207 B.211 B.214	Change "webpage to "website" Footnote: typo "a s" to "as". Footnote shouldn't flow onto next page. Change "Northern Colorado Water Conservation District" to "Northern Colorado Water Conservancy District" Figure 9.6 Legend - typo "statewide" to "statewide" (same for Figure 9.8, 9.10, 9.12, 9.14, 9.16, 9.18) Footnote: should cite Final 2010 Demands to 2050 Report and revise numbers accordingly in this section change "Southeastern Colorado Water Conservation District" to "Southeastern Colorado Water Conservancy District"	Changed to 'website' Changed to 'as' Changed to 'Northern Colorado Water Conservancy District' Changed to 'Statewide' Changed citation Changed to 'Southeastern Colorado Water Conservancy District'
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		Annex B Recreation			
63	CWCB	Sector	B 291	Wildlife viewing - again, the NCNA did assess this for all basins	See response to NCNA comment (#38) above
05	OWOD	000101	0.201	Third paragraph Not a big deal but the fishing layers ware failly consistent, and we have backup data that is quite	bee response to North comment (#50) above
				consistent CDM diatized licking many across the state and included any CDOW reaches as well. This data could be used	
				consistent. Convidgitzed naming maps across the state and included any CDOW reacres as well. This data could be used	
		Anney B. Destantion		alone, almough in rate versions some foundable members added its ing aleas that the guidebooks missed, of removed	
	011/05	Annex B, Recreation	5	some that are no longer used. We can get you the layers, if it would be nelpful, but probably for next time. Consider	
64	CWCB	Sector	B.291	adapting the language slightly.	See response to NCNA comment (#38) above
		Annex B, Recreation			
65	CWCB	Sector	B.292	The above comment applies to ratting as well.	See response to NCNA comment (#38) above
				CGS has experience and studies in these areas (see Section 4.4 Mitigation Actions) to contribute to the technical	
66	CGS	Mitigation Plan	Table 20	knowledge.	Changes made per suggestions, see below:
				Specific additions to Table 20 - State Drought Mitigation Actions Summary	
				Goal 1: Recommended Action - collect climatologic data at mid and lower elevations; add CAIC to agency list	
				- Collect data to monitor snowpack sublimation; add CAIC to agency list	
				- Coordinate input of groundwater monitoring: add DWR and CGS to agency list; include coordination with CGS and DWR	
				to implementation column	
				Goal 3: Recommended Action - Explore technologies for water supply banking aquifer recharge - add CGS to agency	
				List: reference "Cratewide Aquifer Bederers Study," I have Black Squirriel Creek, "and "Lost Creek," projects to	
				instantiation of the state while Adultar Recharge Study, Opper Black Squitter Cleek, and Lost Cleek projects to	
				implementation column.	
				- Construction of water storage facilities on state land: include coordination with CGS for underground storage to	CAIC, DWR, and CGS added to agency lists per suggestions; reference projects added;
67	CGS	Mitigation Plan	Table 20	implementation column.	coordination with CGS added.
				CGS has no direct involvement or responsibilities under the Drought Mitigation and Response Plan. Consequently,	
				applicable comments are more along the lines of ancillary functions. CGS could play a role in the planning process by	
1				participation in the Drought Mitigation and Response Planning Committee (DMRPC). The DMRPC consists of	
1				representatives from several state agencies (all divisions within DNR except CGS) as well as federal agencies (USGS is	
68	CGS	Mitigation Plan		represented). CGS could provide input, technical assistance, and data (particularly CAIC) to the process.	Added CGS to list of agencies and noted intent to participate in future efforts.
				The Environmental Sector starts out with a good, but sector-specific, explanation of the components of vulnerability. We	
1				offer that in its place, the Drought Plan employ a more general framework that will promote assessment of the exposure,	
1				sensitivity, and adaptive capacity of each sector:	
				"Vulnerability is a function of the sensitivity of a system to changes in climate (the degree to which a system will respond	
1				to a niven channel in climate including handficial and harmful affects) adaptive canacity (the degree to which adjusted	
				to a given change in climate, including beneficial and named elects), adaptive capacity (the degree to which adjustments)	
				in practices, processes, or structures can moderate or offset the potential for damage or take advantage of opportunities	Chapter 1 of Annex B Drought Vulnerability Assessment Technical Information contains an
				created by a given change in climate), and the degree of exposure of the system to climatic hazards." (Citation:	introductory discussion of the components of vulnerability similar to what this comment is
	Defenders of	Annex B, Environmental		Intergovernmental Panel on Climate Change, <i>Climate Change 2001: Impacts, Adaptation and Vulnerability</i> 89 [James J.	suggesting. This chapter sets the framework for the sector-specific vulnerability assessments
69	Wildlife	Sector	B.174	McCarthy et al. eds., 2001].)	that follow.
				The Drought Plan could benefit from some explanation as to how and why some sub-sectors and vulnerability metrics	Chapter 1 of Annex B discusses the selection of quantitative data, and states that broad
				were chosen. It is not clear from the Drought Plan if the sub-sectors and metrics that were used were chosen because, for	definitions of drought "impacts" and "vulnerabilities" during data collection were necessary to
	Defenders of	Annex B. Environmental		example, they were the best representation of vulnerability or were the metrics for which some, if any, information was	gather all relevant information and to encourage inclusion of sometimes only marginally relevant
70	Wildlife	Sector		available.	efforts.
10		000101		In the State Assets section, it is not clear if there are 5 or 6 sub-sectors. Compare Drought Plan at 61 id, at 60 id at 79 id	
				at 8 24-25 id at 8.46 (alternating between 5 and 6 sub-sectors and using some combination of instream flows fish	
				at 0.24-25, to at 0.44 (attentiating between 5 and 0 sub-sectors and using some combination of instream nows, name	
	Defendence of	A		natchenes, aquatic habitat, and DOW). Compare also brought Plan at 60, id at 5.24-25, id at 5.27 (same, and anternating	The second should be also be a start but should be also the first start start and the start sta
	Derenders or	Annex B, State Assets		among state lands, state Parks, State Land Board, and DOW). Compare also Drought Plan at B.63 and B.175 (not	There are and should be six subsectors but only five impact categories. The impact categories
/1	Wildlife	Sector		defining yet using Protected Areas as a metric for two sectors).	are defined starting on B.60.
	Derenders or	Annex B, Environmental		Recommend the addition of snowpack and groundwater-dependent habitats to the habitats considered in the	I his is an interesting suggestion that would require further evaluation and could be considered in
/2	vviidiire	Sector		Environmental Sector.	ruture work.
	Defenders of	Annex B, Environmental		Recommend that the Drought Plan include within the "snowpack" category (see comment above) its use as wildlife habitat,	This is an interesting suggestion that would require further evaluation and could be considered in
73	Wildlife	Sector		for species such as lynx, snowshoe hare, and wolverine that rely on snowpack for some part of their life cycle.	future work.
	Defenders of	Annex B, Environmental		Recommend that the Drought Plan include within the "groundwater" category (see comment above) its use as wildlife	This is an interesting suggestion that would require further evaluation and could be considered in
74	Wildlife	Sector		habitat/vegetation to encompass groundwater-dependent vegetation.	future work.
1					
1					There is a general lack of information about drought impacts to the environment as a whole and
1					to species and areas that are not heavily managed. Rinarian areas were selected for their direct
1	Defenders of	Annex B. Environmental		The vulnerability assessment for the Environmental Sector, which focuses on riparian areas, would benefit from	vulnerability to drought: however, consideration of other habitat is a suggestion that could be
75	Wildlife	Sector	P 161	consideration of wildlife behinted dependent on all forms of propinition	considered in future work
/5	VVIIdillé Defendent	Appaul D. State Appail	D.101	Consideration or whome nativities dependent on an forms of precipitation.	
70	Delenders of	ATTICK D, SIDE ASSETS	D 50	Reurs in a causty chevid he considered a unleast like in a causty in which also an impact metric. The lack of instream	This is appreciate that would provide further eveloped and sould be accordenced to the
/6	vviidlite	Sector	B.53	nows in a county should be considered a vulnerability in and of itself.	This is something that would require further evaluation and could be considered in future work.
1				Utaining what data and expense was used in compliang drought impacts and describe the strengths and weaknesses of the	because this is new work, and the scope required multiple sectors to be assessed in a consistent
1	I			data. For example, the drought plan relies on the 2002 drought for much of the impact data. The vulnerability assessment	manner, we selected data that was applicable and in a readily usable format. Discussion of the
	Defenders of			would benefit from discussion of whether impact data was selected because it is representative, a worst-case scenario, or	data selection process is included in Chapter 2 of Annex B and throughout the specific sector
77	Wildlife	Annex B		simply available.	write-ups.
					This project is a vulnerability assessment which focuses on sensitivity to drought. Drought
1	Defenders of				exposure relates more to hazard of drought and should be considered in future risk assessment
78	Wildlife	Annex B		Distinguish between exposure and sensitivity in evaluating potential drought impacts to various sectors.	work.
1				Concern that the vulnerability assessment inaccurately characterizes instream flows as an adaptive capacity based on the	
1	Defenders of			intention of instream flows to protect species and habitat, without support that instream flows are an effective adaptive	We recognize that our approach has limitations and that instream flows are not a perfect metric
79	Wildlife	Annex B	B 62 B 177	canacity particularly during founds	Euture work should analyze this issue further
	Defenders of	, aniek D	3.02, 0.117		
80	Wildlife	Annex B		Clearly and explicitly identify when and how any qualitative information was used to adjust the impact scores	This level of detail is available in the workbooks where calculations were made
	Defenders of			Clearly flag and describe the uncertainty associated with the sources of data other expertise and the impact metrics (See	We did attempt to note large sources of uncertainty, however a thorough uncertainty assessment
81	Wildlife	Annex B		Defenders letter 2nd- and 3rd-to-last pararabs for surgestions )	was beyond the scope of this project
01	· · · · · · · · · · · · · · · · · · ·			Doolward line beine bein	
				CDOW would like to be included among the CWCB and others for the following Recommended Actions:	
				"Enact policy to allow for greater flexibility" pg 100	
82	CDOW	Mitigation Plan	Table 20	CDOW would like to be included among the UVCB and others for the following Recommended Actions: "Enact policy to allow for greater flexibility" pg 100 "Assess how the hydrograph will change due to" pg 104	CDOW added to "Lead Agency/Entity" cell per comment.
<u>82</u> 83	CDOW CDOW	Mitigation Plan Mitigation Plan	Table 20 Table 20	CDOW would like to be included among the UWCB and others for the following Recommended Actions: "Enact policy to allow for greater flexibility" pg 100 "Assess how the hydrograph will change due to" pg 104 Proposed restatement in the document (extensive)	CDOW added to "Lead Agency/Entity" cell per comment. These suggestions are interesting and could be considered for future work.

			B.171, immediately		
		Annex B, State Assets	prior to paragraph on		
84	CDOW	Sector	ISF	Extensive edits- see printed sheet	Inserted additional text to State Assets and Environmental sectors.
		Annex B, State Assets			
85	DOC	Sector		Suggest Colorado Department of Corrections be asked to participate in any future drought planning efforts.	Incorporated information from DOC email into State Assets Sector
	Western				
96	Advocates	Appex B. Epergy Sector		Re clear when talking about consumptive use vs. withdrawals	Searched these terms in the document and added clarifying text where necessary
00	Auvocates	Annex B. Recreation	1	be clear when taiking about consumptive use vs. whoreaways	Searched these terms in the document and added clamying text where necessary
87	GCSAA	Sector (Golf)	B 262 Table 10 5	avalantian and surgested textual for printed convi	Modified text in Table 10.5 to recognize other impacts than aesthetics as listed in the comment
01	000/01	Annex B, Recreation	D.202, Table 10.0	Misleading text, "golf courses would need to increase their irrigation by about 25% to offset the effects" Suggested re-	Modified text in Table 10.7 to address comment, additionally modified text in subsequent
88	GCSAA	Sector (Golf)	B.264, Table 10.7	wording and justification.	paragraph about golf to address concerns
				Change text to say "Amendment 37, adopted by a vote of the people of Colorado in 2004, required large utilities to obtain	
89	GEO	Annex B, Energy Sector		10% of their energy from renewable resources by 2015. The Amendment 37 standard was modified by the"	Changed text
				In the Energy Sector portion, p. 118, there is a reference to Amendment 37/HB1001. There is a reference to HB 1001	
	050		- 110	under the fourth Pdf - Appendices - Appendix D, Drought Mitigation Capabilities Summary, p. 15 as well. There are	Only the set of the se
90	GEO	Annex B, Energy Sector	p. 118 Slido #12	Inconsistencies in these three references.	Unly two references were found. They were checked for consistency
91	GEO	6-10-10 presentation	Renewable Energy	Trait states "none of this development has actually begun and specific development plans have yet to be determined "	
			Development	This should be changed to read "1246 MW of wind generation capacity has been installed in Colorado as of the end of	
92	GEO		Opportunities	2009. In addition there are two PV sites near Alamosa with a combined capacity of 25 MW."	Updated text to reflect this suggestion
					This is too late to change at this point but the CWCB will take this recommendation into
93	GEO	Annex B, Energy Sector		Suggest that GEO/PUC take co-chair roles as Lead Agencies for the Energy Impact Task Force	consideration
	050		Reterences (7.7 see	For the only "Comparing Coloradale Dependence," The attribution should be to the Colorada Course of Forum C	Changed situation
94	GEU	Annex B, Energy Sector	p. 154)	For the entry connecting colorado's Kenewable" The attribution should be to the colorado Governor's Energy Office.	Unanged citation Map is from a 2005 report and the plant in question wasn't up and rupping until 2000. A featrate
95	GEO	Annex B. Energy Sector	B 121	Authority with a capacity of 95 5W. This should be noted on Figure 7.4	was added to clarify date of the man
		, amon b, Energy Sector	0.121	Put in Renewable Energy-Wind, Solar, Geothermal- as an Adaptive Capacity in the list of options. If you agree to do so,	
96	GEO	Annex B, Energy Sector	Table 7.2	ask GEO for help with the wording of the option.	Added this suggestion to the list
97	WWA	Mitigation Plan	11	2 <sup>nd</sup> -to-last Bullet Item: "Western States Gov Association" should be "Western Governors' Association" [JL]	Changed text
98	WWA	Mitigation Plan	12	"Play Lakes Joint Venture" should be "Playa Lakes Joint Venture" [JL]	Changed text
				National Renewable Energy Laboratory should be listed under "Federal Agency" (DOE), not under "Other Organizations".	
99	WWA	Mitigation Plan	12		Moved to "Other Federal Agencies" list
100	WWA	Mitigation Plan	13	Table 3: "Western Water Assessment/CIRES" should be "CU-NOAA Western Water Assessment" [JL]	Changed text
				Figure 2: This is an important figure: I recommend that a higher-resolution conv of it he obtained from the State Engineer's	copy of the figure was available online. For future work a higher-resolution copy of the figure can
101	WWA	Mitigation Plan	17	Office [11]	be purchased.
				Sentence 1: I recommend deleting "cycle" as it implies cyclical (i.e. predictable) behavior of Colorado's climate, which is	
102	WWA	Mitigation Plan	19	not correct. [JL]	Deleted text
				Figure 5: The figure's start date of 1850 is misleading. The Drought Impact Reporter does not appear to list any drought	
				impacts for Colorado prior to 1930, so the rigure at least should be modified so that it reflects 1930-2010. Even better would be to constrain it to 2000-2010, since in fact pactual all of the data is from the pact 10 years (the caption understates	Figure has been undated to show search date of 1935-2010 (the DIP was reviewed for impacts
103	\A/\A/A	Mitigation Plan	22	would be to constrain to 2000-2010, since in fact heavy all of the data is non-the past to years (the capiton understates	and none were found prior to 1935)
103	WWA	Mitigation Plan	22	Sentence 4: "data points" is not used correctly and should be replaced with "indicators of drought conditions" [JL]	Replaced text
				The description of the SPI value is a little muddled. I recommend replacing with "The SPI values are based on the	
				probability, calculated from the long-term precipitation record for a given location, of recording a given amount of	
				precipitation over the stated time period, and these probabilities are standardized so that a value of zero always indicates	
105	WWA	Mitigation Plan	24	the median precipitation amount." [JL]	Replaced text
100	14/14/4	Mitigation Blan	20	Sentence 1 under 3.2.4: Change to Several times since the late 1800's, Colorado has experienced widespread, severe drought 1 As writing it is too broad. [11]	Changed text
100	11110	magatorrian	30	Figure 10: The figure roughly depicts the "Dust Bowl"-i.e., the region of most severe impacts from the 1930s drought but	
				does not indicate the much larger area ("much of the United States", as the text says) affected by the 1930s drought. I	
				recommend this figure be used instead: http://www.drought.unl.edu/whatis/palmer/pdi3439.gif. This figure uses a drought	
				index to objectively assess the regions most affected by severed drought conditions from 1934-39, and is commensurate	
107	WWA	Mitigation Plan	33	with a figure that appears later in the plan. [JL]	Reviewed the suggested figure but decided to retain the original figure as it relates to the text.
				The discussion of the "2000 desurbal peeds to take into according the temporal dimension of desurba (i.e. duration)	
				The discussion of the 2002 drought needs to take into consideration the temporal antension of drought (i.e., duration).	
				unless conditioned by duration. It would be more accurate to say that "on a statewide basis 2002 was the most intense	
				single year of drought in Colorado's history". It is also important to describe 2002 as an extremely dry year embedded in a	
				longer dry period (2000-2006), similar to 1934 being an extremely dry year embedded in a longer (1931-39) drought. Note	
				that the Doesken and Pielke paper, on which this section is adapted, was released in late 2003, and so was not able to	
108	WWA	Mitigation Plan	35	place 2002 in the context of the full dry spell (2000-2006) of which 2002 was a part. [JL]	Updated text
109	WWA	Mitigation Plan	35	[Footnote 6: "MCKee and Doesken" should be "Doesken and Pielke" [JL]	Footnote corrected
1				drought probability and seasonal drought forecasting, but not climate change. The following section (3.2.6. Other Drought	
1				Implications in Colorado) does have a "Climate Change" subsection, which correctly notes that drought frequency is	
1				expected to increase under climate change. Climate Change needs to be integrated into any material under the heading of	
110	WWA	Mitigation Plan	41	"Future Drought Probabilities". [JL]	Added a sentence at the end of Section 3.2.5 to lead into the climate change section
				A summary of the main findings from CRWAS detailed in Appendix C should be provided here, in the main body of the	
111	WWA	Mitigation Plan	43	plan, which is more likely to be read by users than the appendices. [JL]	The project team decided this would remain in the appendix
112	WWA	Mitigation Plan	49	Lable 9: See comments on p.22. Figure 5, above IJLI	I able changed to more accurately reflect dates of reported drought impacts

				Table 9: The presentation of this table, and to a lesser extent Table 8, reflects apparent misunderstanding about the	
				nature of the Drought Impacts Reporter (DIR) data. It is clear from Table 9 that historically, most individual impacts reports	
				have been entered at the state level, so that the individual "impact" so entered is "reported," for every county in the state	
				have been entered at the state level, so that the individual impact so entered is reported for every county in the state,	
				whether the actual impact occurred in that county or not. Accordingly, the DIR is a poor tool for discerning which counties	
				have had the greatest vulnerability to different types of impacts, because state-level data is mixed in with, and dominates,	
				the "true" county-level data. The data from 2007-2010 (Table 8) seems to reflect more county-level data and less state-	
				level data, but is still susceptible to the mixing of data. For example, the "Fire" impacts data appears to reflect 1 state-level	
113	WWA	Mitigation Plan	49	impact entry from 2007-2010 and several individual county-level data entries. [JL]	Removed Table 9 and modified discussion
				Tables 8 and 9: Per the above comment, the "Totals" provided at the bottom of each column in each table are very	
				misleading because the state-level impact entries create large overcounts of county impacts when the data are summed	
444	14/14/4	Mitigation Dian	47.40	histeading, because the state-level impact entries cleate large overcounts of county impacts when the data are summed	Deleted "tetels" serve
114	WWWA	willigation Plan	47,49	by county. The commend deleting the Totals Tow in these two tables. [JL]	Deleted totals row
				The text in the first two paragraphs reflects the difficulty of using the DIR data in Tables 8 and 9 for assessing relative	
				vulnerability of impacts at the county level. The sentence which begins "Regardless of whether or not assumptions of	
				vulnerability can be made from the data in these tables" finally concedes the inadequacy of the data for this purpose, but	
				still argues that they are a "valuable tool". They may be valuable for other purposes, but they should not be presented this	
115	WWA	Mitigation Plan	51	way in a section titled "Assessing Vulnerability by Jurisdiction" Recommend deleting at least Table 9 [JI]	Removed Table 9 and modified discussion
110	****/	Mitigation Fian		way in a section take. Assessing valuerability by bandaleton . Recommend defeating at least rable 5. [62]	
				Text on p. 55 and Figure 17: While the expectation that faster-growing counties may have greater subscribility to drought	
				access reasonable as a generalization, given the number of other sounds level verifields at play (use of aufres) ve	
				seems reasonable as a generalization, given the number of other country level valuables at play (use of surface vs.	
				groundwater, portfolio of water rights, over- or under-allocation of rivers, storage, etc.), it seems premature to leap from	
				that generalization to an explicit quantitative "Impact Rating" (elsewhere called "Impact Score" or "Impact ranking"). The	1
				name of the rating/ranking/score (and the red colors in Figure 17) implies that those counties with higher values already do	
				or will have greater drought impactsbut there's no empirical basis for that implication. I recommend eliminating the	Modified the figure legend to read "Population Growth (2009-2035)" instead of "Impact Rating" to
116	WWA	Mitigation Plan	55. 59	Impact Rating/Ranking/Score and instead simply show differences in growth rates and population sizes in Figure 17. [JI.]	reflect the population change data being shown in the figure.
				Figure 24: The figure should be replotted so that the shading to show the values of the CSES Wildfire Susceptibility Index	
				is legited in the region of a plane of a shown only the legit (Medianter) values about by the block about a revisible	
				is regione across the range of values. As shown, only the lower (moderate ) values shown by the black shading are visible,	
				and the "High" areas, which are more important, can't be discerned. Also, there are apparent discontinuities in the data at	Note added to the text in Section 3.5.4 to clarify that the "low" susceptibility index values were
117	WWA	Mitigation Plan	82	some county lines (e.g., Moffat/Routt), but this may be an issue with the CSFS dataset, not the plotting of it. [JL]	filtered out to bring the map focus on the "moderate" to "high" values.
				Paragraph 1: "drought profiles" is an unusual phrase with an unclear meaning. "Drought characteristics" or "drought risk"	
118	WWA	Appendix B	B.1	would be preferable. [JL]	Changed wording
				Paragraph 1:	
				Sentence 1: Water demands are high for hydropower, but are higher for energy production: suggest rephrasing as "water	
				demands for energy production"	
110	14/14/4	Appendix D	D 4		Carls find these sectores an achieve in Annoradiv Disathe underschilds annou
119	VVVA	Appendix B	D.1	Semence 2. Needs a ? [NA]	Can't find these sentences anywhere in Appendix B of the vulnerability annex
				Paragraph 2. Sentence 1. Change predicted to projected . (The IPCC reports avoid the use of the word predict, since	
				all of GCM output is based on subjectively selected emissions scenarios and should not be taken as predictions.) [JL]	
120	WWA	Appendix B	B.1		Changed wording
				Paragraph 2: Sentence 1: Reference is IPCC 2007; Bibliography says IPCC 2001 [KA]	
121	WWA	Appendix B	B.1		Updated bibliography
				Paragraph 4: I suggest changing the definitive framing of climate projections (e.g. "will happen") as it seems to	
				communicate a message about what one should adapt to. However, there is the real possibility of no change for quite a	
				while with respect to some future possibilities (e.g. snow vs. rain at high elevation). At the least, I suggest careful	
				incorporation of timescales in association with the sentences including projections, and emphasis of Page B.2. Paragraph	
122	WWA	Appendix B	B.1	1 (regional differences in climate change) in the context of the content in Paragraph 4 [KA]	Changed wording from 'would' to 'could'
123		Appendix B	B 2	2nd bullet item "the 1050-1000 baseline" should be changed to "the 1050-1000" haseline [11]	Changed year from 1990 to 1999
120	****/		0.2	Demonshor The "pace resource and the internet and a second the source and a second sec	
				rangraph 2. The peer-review portion of this is not quite accurate. The synthesis contained a lot of information from peer-	1
				reviewed literature, but about half were new analyses, and these new analyses were critical to the conclusions. Yes, the	
				Report was reviewed by peers, but it wasn't formally "peer-reviewed" in the academic sense. [KA]	
124	WWA	Appendix B	B.2		Got rid of the term 'peer-review'
				Bullet List: Given that the report came out two years ago, I suggest putting dates on several of the bullets (e.g. increase in	
				temp of X "from 1977-2006", instead of "in the past 30 years"). Alternatively, you might explicitly state that the report	
				covers x to y time period [KA]	
125	WWA	Appendix B	B.2	overs x to y the period. [red]	Added text 'from 1977-2006'
		1		5th bullet item: The phrase "timing and intensity of streamflows" should be changed to "timing of streamflows". It's unclear	
126	WWA	Appendix B	B 2	what "intensity" means here if it is used to mean "magnitude" then the statement is not quite accurate [11]	Changed bullet text to refer only to the timing of streamflows
			0.2	In the sentence following the heading "Preliminary Colorado River Water Availability Study Endings" the following should	
				be added to the one of the entropy "within watern Calarada" (Ataning a reading minute and a the to one of Calarada	
				be added to the end of the sentence: within western Colorado. One wise, a reader unianiliar with the scope of CRWAS	
407		Annual III D		might conclude that the study results summarized after this sentence refer to the entire Colorado River basin. [JL]	A data di su di katika una stara Ostara dat
127	WWA	Appendix B	В.4		Added text within western Colorado
				1st bullet item under "Natural Flows": This implies that the cases in which projected flows decreased and increased were	
				roughly equal, which is misleading. I recommend changing this to "Annual flow decreases under most of the climate	This text is directly from the Draft Water Availability executive summary. We maintain
128	WWA	Appendix B	B.4	change scenarios, and increases under some of the scenarios," [JL]	consistency with this draft.

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				The "Average Drought Length Exceedance Probabilities" analyses, and associated figures and tables, have a flawed basis such that the results do not have the meaning given to them in the text. The "maximum observed drought" (ranging from 4 to 6 years in the examples shown in the tables) is a single realization from a very small sample (56 years), and thus its variation between gages and (sub)basins is fairly arbitrary and not necessarily reflective of the long-term hydrology. But the analyses use that value as the benchmark for calculating exceedance probabilities for future drought, and thus they lead to faulty inferences about the nature of future drought. For example, the Yampa River at Steamboat Springs happened to have a relatively long maximum observed drought (6 years), and the exceedance probabilities for projected future drought are thus calculated as 36%-43% for the six future scenarios. The San Juan River at Pagoas Springs happened to have a relatively short maximum observed drought (4 years), and the calculated exceedance probabilities are much higher (76-98%) than for the Yampaeven though the "average length of maximum drought" for the future scenarios for the San Juan are slightly shorter than those for the Yampa. In other words, the "exceedance probabilities" (a largel) an artifact of the stochastic nature of the short observed drought record, and do not represent something meaningful about future drought risk. One really can't conclude, as the text asks us to on p.B.8, that the probabilities <50% represent "wetter" conditions, and those >50% represent "dryer" [sic] conditions.	This comment contradicts points made later by this commenter who notes that; "our collective understanding of what constitutes "drought" for a given basin/gage is based on the observed hydrology, and the infrastructure and allocation of water was also based on that hydrology." This study chose to calculate exceedance probabilities relative to the observed period of record to make our results relevant and easily understandable for decision makers. However, the observed period of record is limited and was constrained to the 50 year period
120	14/14/4	Appondix R	D 9 D 17	On the August 16 webinar, Jim Verdin (USGS/NIDIS) and one other person commented on the apparent spatial incongruities in the drought exceedance maps (Figures 1-1 to 1-5), with large red dots (>>50%) co-occurring with small green dots (<<50%) in the same basin, sub basin, and even stream—quite contrary to one's expectation, given the strong spatial correlation of climate and streamflow variability within basins. I believe this counterintuitive pattern seen in the	considered for the Water Availability Study. While it is true that the spatial variability is largely a function of changes in drought length in the observed hydrology, this variability is not 'arbitrary'. Rather it is a result of the natural variability in droughts. This does limit the results but it is not a fundamental flaw.
129	VVVVA	Appendix B	D.0-D.17	maps is likewise an artifact of the methodology. [JL]	uncertainty.
				On p. B.6., the text states that "the likelihood of experiencing maximum drought duration longer than the longest drought in the 56 year period of record was calculated by counting the number of traces, out of 100, with a maximum drought length above this threshold. This is also referred to as the exceedance probability." Thus, one would expect that the exceedance probability value calculated for any one gage for any one scenario will be a whole number (e.g., 58% = 58/100 traces). However, the exceedance probabilities given in tables 1-1 through 1-5 have one significant digit, e.g., 58.3%. This suggests either that the exceedance probabilities are not being calculated as the text describes, or the values provided in Tables 1-1 through 1-5 are something other than exceedance probabilities. [JL]	There are a myriad of ways to analyze drought and visualize results. We built our analysis
130	WWA	Appendix B	B.6-B.17		directly off the Water Availability Study and present our results in a consistent manner.
131	WWA	Appendix B	B.8-B.17	Per the comments above, I recommend replacing the "Average Drought Length Exceedance Probabilities" analyses with tables and figures which compare the distribution of drought lengths (i.e. histograms of frequency of drought of N length) for the observed and future scenarios. This would make the point that the observed record contains only a sample of the potential drought events seen when more ensemble members are generated. (Also see next comment.) [JL]	There are a myriad of ways to analyze drought and visualize results. We built our analysis directly off the Water Availability Study and present our results in a consistent manner.
				The four sentences at the bottom of p. 16 and top of p. 17 explain that the calculation of drought length for the 6 future climate scenarios was done relative to the mean (runoff) of each scenario, and if the calculations were re-done using the observed mean, the wetter scenarios would 'probably' show shorter, less severe droughts, and the drier scenarios would "probably" show longer, more severe droughts. While this caveat is correct, and important to make, it would be much better to follow through and re-do the calculations using the observed mean, as this would allow a more common-sense and useful comparison of observed droughts with future droughts. Our collective understanding of what constitutes "drought" for a given basin/gage is based on the observed hydrology, and the infrastructure and allocation of water was also based on that hydrology. If the hydrology shifts to drier (or wetter) conditions, then it is important to know the heav frequency of drought adfined using the "old" mean hydrologic, Using the mean of each future scenario as the basis for drought calculation tends to obscure the true effect of future hydrologic, using the mean of each future corresport in the future for coupth tick.	
				flows in 2040, using the mean of the scenario will under represent real future drought risk.	
132	WWA	Appendix B	B.16-B.17	(An earlier statement in the draft plan (p. B.6) clearly articulates the embedded assumption of using the projected means as the baseline: "In other words, it assumes that a given climate scenario has come true and that systems are now operating with respect to the mean of the given scenario." In other words, the systems are assumed to have perfectly adjusted to the new mean flow, and so "risk" in this context is limited to departures from the new mean. I think this assumption is unrealistic, and also inconsistent with the purposes the State Droucht Plan ) [JI ]	For the current project we were limited by the data produced for the Water Availability Study. However, the State has recognized this issue and is funding additional work to conduct analysis relative to the historical means.
			B.18-B.21	In Figures 1.6-1.9, the labels on the x-axis indicates that the data in the rightmost three bars represent the "2 Driest	
122	\ <u>\</u> \\\\ A	Appendix B		Years", "5 Driest Years", and "10 Driest Years", respectively. This phrasing implies that these "years" are not necessarily consecutive—that they are the driest individual years from the 56-year model period. To avoid confusion, and to be consistent with the taxt the labels explusible because the tax of the second	These charts were copied directly from the Water Availability Study. Added a description
100	** **/ \	, pponuix D	B 04	The citation to "Woodbause and Luces" should be changed to "Woodbause and Luces 2009" [note shares is applied]	paragraph nom the enady.
134	WWA	Appendix B	В. 24	Ine citation to (woodnouse and Lucas) <sup>*</sup> should be changed to "(Woodnouse and Lukas 2006) <sup>*</sup> . [note change in spelling] And the following reference should be added to B.4, Bibliography, on page B.29: Woodhouse, C., and J. Lukas. 2006. Streamflow Reconstructions for Boulder Creek, South Boulder Creek, and the Colorado River. Report to City of Boulder and Hydrosphere Resource Consultants, January 2006. [JL]	Changed reference and updated bibliography
105		Anne and the D	D 00	Sentence 1: Per previous comment about "drought profiles", change "several possible future drought profiles" to "possible	Observed text
135	WWA	Appendix B	B. 26	changes to orought risk in a future climate". [JL]	Changed text
				Sentence 2: The second clause is missing the critical word "not". I also recommend other changes for clarity and emphasis, to this: "While there is no way to be certain what future bydropoy will look like, it is important for planate to be supremented by the the	
1 1				truine under interval to be certain what outline injuriously will low like, it its important for planners to be aware that the observation of the likely that the observation of autorian and autorian of the likely that the observations are an entering of autorian of the observation of autorian	
136		Appendix B	B 26	Induce is uninvery to repeat the observed hydrology, and it is likely that the state will experience more severe and sustained doubte than seen in the last 56 years "[11]	Inserted recommended text
		L'approver e	2.20		

1 1		1	1	Paragraph 2: Sentence 1: "It is important to note that the 2002 drought was a relatively moderate drought compared to	
				historical hydrology." If "historical hydrology" refers to the tree-ring paleohydrology, then the statement is inaccurate. 2002	
				was an extraordinarily dry year even in the context of the 1200-year paleohydrology for the Upper Colorado River, and	
				other paleohydrologies for Colorado basins, and was in no way "relatively moderate".	
				To avoid a lengthy discursion into the characteristics of the paleohydrologic record, it would be best to delete the first two	
137	WWA	Appendix B	B. 26	sentences of the 2 <sup>nd</sup> paragraph. [JL]	Deleted sentences
				In several places in Appendix B, "historical hydrology" is used to refer to the tree-ring record of paleohydrology. This usage	
				tends to create contusion with the observed hydrology. CRWAS actually uses the phrase alternative historical hydrology	Historical hydrology' refers to the 1050 1000 hydrology and "alternate historical hydrology" refers
				temphasis mine to refer to the nee-ing pateonydrology to avoid contusion with the normal (observed) instances in the phase of the temphase and the phase of the temphase of te	to historical hydrology feters to the 1950-1999 hydrology and alternate historical hydrology feters
138	WWA		B 26	hydrology. Ettilet that phrase, or tree-hing paleonyurology, or paleonyurology, should be used instead or historical bydrology? [11]	consistency and where necessary clarification was added
100			0.20	Section B.3 "Incorporating Climate Change into Planning", contains virtually no additional information or guidance on	on bloch by and whole neededly blanned for was dated.
				incorporating climate change into planning. I recommend either expanding this section so that it provides useful	
				information and guidance to users of the Drought Plan, or leaving it out entirely.	
				My thoughts on expanding this section: the text mentions the October 2008 Governor's conference; what lessons about	
				incorporating climate change into planning were presented there? And here are other sources of information/guidance	
				from which key messages could be extracted and re-framed as needed for state and local entities:	
				the ONIOD MUMA Official Objects of Deleter to Deleter to Deleter to D	
				- the CWCB/WWA Climate Change in Colorado Report, Chapter 5	
				- Water Utility Climate Aliance (WUCA) White paper: Decision Support Planning Methods: Incorporating Climate	
				Unarge Unicertaining sinto water Planning (Natiz et al. 2010)	
130	10/10/0		B 26-B 27	2000) CILI I	Added a paragraph outlining the methods in the CW/CB report chapter 6
155	11114	Annex B. Agricultural	D.20-D.21	3rd bullet under key findings, grazing lands are vulnerable to drought resulting in limited forage availability and disturbance	
140	CSU	Sector	B.75	of the managed ecosystem	Updated text to incorporate comment
		Annex B, Agricultural			
141	CSU	Sector	B.75	4th bullet, change "plant loss" to "income and job loss"	Changed text
					Changed text to read, "This reliance on supplemental feed in the wintertime (generally hay, which
110	0011	Annex B, Agricultural	D 77	"This reliance on supplemental feed in the wintertime means that cattle ranchers are vulnerable to drought impacting the	can be both irrigated or dryland) means that cattle ranchers are vulnerable to drought impacting
142	CSU	Seciol	D.//	dryland crop sub-sector." Much of the hay is imgated ~ 1 million acres	Ine crop sub-sectors.
		Annex B. Agricultural		"Major dryland crops are winter wheat (grown on the eastern side of the State) pastureland and beans IMcKee et al	Colorado include "winter wheat and heans, as well as pastureland " (McKee et al. 2000, "A
143	CSU	Sector	B.77	2000], "Doubt this (re: beans)	History of Drought in Colorado, Lessons Learned and What Lies Ahead." pg. 11.)
		Annex B, Agricultural			
144	CSU	Sector	B.78	"proso millet, sudex, or sunflowers" change to "and sunflowers."	Changed text
		Annex B, Agricultural			
145	CSU	Sector	B.78	"located throughout the State, plant annual forage" change to "commonly plant annual forage."	Changed text
		Annex B, Agricultural	5 70	Table 6.1, 2nd builtet- change to "Winter wheat, the prominent dryland crop in Colorado, is generally planted on a 2-	
146	CSU	Sector Appex B. Agricultural	B.79	year"	Changed text
147	CSU	Sector	B 83	Figure 6.4- Dominant Crop Types Grown per County - this map is year misleading	"Dominant Crop Types Grown per County."
147	030	Annex B Agricultural	D.00	righte 0.4- Dominant Crop Types Crown per County - this map is very misleading	Dominant orop Types orown per oddinty.
148	CSU	Sector	B.87	2nd paragraph- <i>junior</i> surface water rights can be called out of priority during a drought	Changed text
		Annex B, Agricultural		General- important to note that grasslands may recover from drought and over-grazing very slowly. Invasive weeds and	
149	CSU	Sector	B.87	undesirable species may be favored by drought.	Incorporated note into text
		Annex B, Agricultural			
150	CSU	Sector	B.95	Table 6.6, first bullet: "Cost of freight is problematic"	Changed wording
454	0011	Annex B, Agricultural	D OF	Table C.C. store deduced add. "Call stores to despace as used blaving"	A state of buildes
151	CSU	Appex B Agriculture	B.95	Lack of process ones with decreased anulfar received and provide and blowing"	Added bullet
152	CSU	Sector	B 111	Each or precipiconnes with decreased aquiter recharge, drought terms to come with more sull and heat therefore increased FT	Incorporated into text
152	000	Annex B, Agricultural	0.111		
450	CSU	Sector	B.111	Re: adaptation to drought- early warning is very important for adaptation	Incorporated into "adaptation to drought" text (Section 6.6.1)

\*Please note the page numbers may have changed slightly from the public comment draft to the final draft.