

Com Number	Page Number	Line, Figure, or Table No.	DFG Comments on Phase II Report
1	ii		Consideration should be given to not including the entire passage attributed to Vaclav Havel. The most troubling part is the statement that hope is the "certainty that something makes sense regardless of how it turns out". With adaptive management and the assurances packages we hope the outcome is successful. Consider leaving out the sentences beginning with "Hope in this deep" through ".....regardless of how it turns out". The remaining sentences still perhaps convey the main message intended.
2	iii	First Paragraph; third sentence	It is stated that the Bay-Delta supplies water for 200 crops. This is somewhat misleading and the reader can only assume that what is meant is that there are 200 different crop types. Including the estimated acreage would give the reader a full understanding of the extensive agriculture throughout the state.
3	4	Third line; first paragraph; left column	Modify to read: "...record returns of winter-run and spring-run chinook salmon to their Central Valley spawning grounds."
4	4	Last sentence; first paragraph; left column	Modify to read: "... twentieth century, both the commercial fishing industry along coastal California and the sport fishery in the Bay-Delta and on the Sacramento and San Joaquin rivers are thriving."
5	16	Fourth Paragraph; Second to last sentence	Modify to read: "Off-aqueduct and in or near Delta storage has the potential of"
6	17	Second Paragraph; Last Sentence	Modify last sentence to read: "To varying degrees all three decrease the detrimental effects..."

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7	18	First Paragraph;	<p>Modify first sentence to read: “...are very diverse, encompassing actions that help restore ecological processes and functions and reduce all the different kinds of stressors....”</p> <p>Modify the second sentence as follows: “...shallow water habitat, tidal and seasonal wetlands, and ...”</p>
8	18	Second Paragraph	<p>The paragraph ends by saying that by restoring the ecosystem there may be a reduced need to curtail pumping. This makes it seem as if ecosystem restoration is primarily for this purpose as opposed to a healthier system. Additionally, since pumping at diversions is a known cause of mortality for fish, it would have the same effect in the future. This sounds as if once a species recovers there will be no limitation on pumping. We, therefore, recommend that the last sentence be deleted.</p>
9	21	Paragraph 2	<p>Add the following sentence to precede the last sentence in the paragraph: “In those dryer periods increased flows will come closer to mimicking the historic patterns of unimpaired flows”</p>
10	21	Second Inset Box	<p>The Yearly Total Delta Outflow box is excellent. We recommend that it be enlarged to go from margin to margin to aid in its readability.</p>
11	22	Inset Box	<p>The Average Monthly 73 Year Delta Outflow box is excellent. We recommend that the legend be reversed in order so it more closely matches the pattern of outflow on the figure, i.e. start with wet and end with critical.</p>
12	23	Inset Box	<p>The inset box is excellent.</p>
13	25	First Paragraph; fifth line	<p>Insert the following after “..can be diverted..”: “...from rivers upstream of the Delta into off stream storage...”</p>

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14	25	Second Paragraph; first line	Modify second sentence as follows: "The diagram below shows...."
15	26	Figure	Some further labeling of this figure is recommended. For instance, consider adding a description of the X-axis. Also the space between supply and modified demand should be labeled. Perhaps calling it the "supply gap" would help.
16	29	Fifth Paragraph; seventh line	Delete "natural habitat" and insert "levees"
17	33	Last Paragraph; last line	We could not find any documentation to support the 230,000 acre estimate for the Delta. If it can't be supported it should be deleted. We recommend saying "... could range up to 140,000 acres depending"
18	34	Third Paragraph; second line	Insert "the ecological" before word "health"
19	38	Inset box	We continue to object to using this figure. We commented extensively about this levee restoration depiction previously in our comments on the draft Levee System Protection Plan. This figure depicts destroying a channel island and filling shallow shoal habitat. There are many better examples to show. This depiction should be deleted and replaced with one of those.
20	39	Inset box; last sentence of last bullet	This sentence may be misleading because it is our understanding that it is based on current cost sharing arrangements and what Delta farmers and their reclamation districts can afford now. This level of annual investment could be seriously deficient. At the rate described it will take up to 80 years to complete the projected work. We recommend this issue be revisited and until it is alternate wording be used such as "Will require annual investment rates exceeding \$30 million, however, under current cost share conditions this may not be practical".

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21	44	Inset box	Add a bullet which says "Supports restoration of important ecological processes"
22	44	Second Paragraph; List of potential benefits Bullet 2	Change "Produces" to "Supports"
23	52	Inset box	Describe where the other 22 % comes from, e.g. east side tributaries.
24	52	Second Paragraph	Some reference to in-Delta storage should be included in this paragraph
25	54	South of Delta Off-Aqueduct Storage	The option of enlarging San Luis Reservoir should be described. Modify the third sentence as follows: "New off-stream or enlarged existing off-stream storage facilities would be filled..."
26	55		We recommend that Garzas be included as a third example.
27	57	First Paragraph	Add after the first sentence: "The CVP has a capacity of 4,600 cfs." In the sixth line: Delete "Improvement"
28	58	Fourth Paragraph	As written it may not be accurate. Consider the following rewrite: "...to the full physical capacity and includes a new surface..."
29	59	Third Paragraph; Alternative 2E	The "habitat portions" referred to in the last sentence should be discussed in the paragraphs for alternatives 2C and 2D.

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30	68	First Paragraph, Last Sentence	Text says "three basic ways". Four are listed. This may need to be clarified.
31	68	Second bullet	Insert the following after the word "curtailed" in the last line: "... when sensitive species are present". Delete "or" at the end of the bullet.
32	69	Last Paragraph, Last Sentence	We aren't sure of the benefit of the phrase "Upstream flow requirements on the Sacramento River and the" to this paragraph. We recommend deleting it.
33	72	Second Paragraph	The reference to 6.0 MAF seems confusing since no alternative is assessed with above ground storage greater than 5.5 MAF. This may need to be clarified.
34	75	Second bullet	Insert "Aquatic" at the beginning of the sentence.
35	75	Water Quality Section	Consider adding a reference to relocating the North Bay Aqueduct as another bullet in this section.
36	76	Delta Conveyance	More detail should be added to explain why enlarging the channel in front of the new intake structure would enable the new fish screen facility to operate more "effectively".
37	76	Fourth Paragraph, Last Sentence	Reference should also be made that a combination of barriers and overland supplies will be evaluated.
38	79	Ecosystem Restoration; second bullet	It seems confusing to describe the Mokelumne River Floodway option as being detrimental on page 71 yet it remains in the option. A clearer explanation should be provided.
39	81	Fourth Paragraph	Add that other alternatives to these barriers will also be explored.

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40	81	Inset box	In the sixteenth line change "western" to "greater".
41	82	Export-Inflow and Delta Outflow Assumptions	The handouts we received at the Jan. 1998 CALFED modeling meeting showed the more protective E-I ratios being linked to keeping the X2 criteria. If so, the display of assumptions here will need to be modified so the X3 requirement is matched up with retaining the current E-I.
42	87	Inset box	The treatment of this issue is very well done. Some consideration could be given to highlighting the assured levee protection benefits of the CALFED approach compared to the PC.
43	88	Third bullet	The wording may need to be modified. We believe it intends to say "...of July through October."
44	89	Delta Outflow Assumptions	We believe the titles for these assumptions should be switched
45	93	South Delta Access to Water	This figure suggests Alternative 3 has an improved capability to provide access to water. The text should recognize this even if the decision was made to not include it as one of the most significant distinguishing characteristics.
46	94	First Paragraph	This paragraph needs to be reworded to avoid the implication that the ERP mitigates construction impacts and clarifies that the largest land conversions are related to implementation of the ERP and not the conveyance facilities.

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47	99	First Paragraph	<p>Add the following after the second sentence: “In general Alternative 1 would increase in-Delta salinities”.</p> <p>The second sentence should be modified to read: “Alternative 2 would, on average, improve (reduce) salinity by up to 45 percent at some locations in the northern and central Delta. Most of those improvements would be in the fall through late winter. Improvements in the March through August period would be less pronounced. Alternative 3 would result in better conditions in the central Delta, but would increase salinity in the eastern Delta. For instance, in Middle River near Tracy average salinities would be increased approximately 15 percent. Increases during the March through August period in the eastern Delta could range up to 30 percent (Increasing from an EC of approximately 350 to 450).”</p>
48	100	First Paragraph	<p>Add the following after the first sentence: “In general Alternative 1 would increase in-Delta salinities”.</p> <p>Add a sentence after the second sentence: “Alternative 3 would reduce salinity by about ten percent for Contra Costa Water District, while reducing salinity of State Water Project and Central Valley Project exports by about 60 percent.”</p>
49	101	First Paragraph; Third sentence	<p>Add the following after the word “measure” in the fourth line: “to predation and to a lesser extent”</p>
50	104	Last Paragraph	<p>In the last sentence insert the word “adverse” before the word “species”</p>
51	113	Second Paragraph	<p>The following sentence should be added at the end of the paragraph: “Others believe that an adequately sized isolated facility is needed in concert with implementation of the ERP to ensure the successful restoration of the Delta’s aquatic health.”</p>
52	115	Inset box	<p>Labeling of the Y-axis needs to be completed</p>

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53	116	Second Paragraph	A sentence similar to the following should be added after the second sentence: "Another consideration is that implementation of the ERP could increase the organic carbon concentrations in the Delta's channels".
54	119 and 120	Average Monthly Flow Inset Boxes	These figures are very informative but too small. Consideration should be given to making them larger.
55	132 and 133		Throughout this section, when there is a discussion of using either the section 7 consultation process or the HCP/NCCP process, there needs to be a recognition that the State consultation process equivalent to the federal process would be 2081 for non-State project proponents and 2090 for State agencies.

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