Bay Delta Conservation Plan
Review Document Comment Form

Document: Section 3.3 Approach to Conservation – Handout 5, Nov. 21, 2008

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Please use this form to document your comments to the above document. Please number your comments in the first column and indicate the page, section, and line number (if provided) that reference the comment's location in the review document in the next three columns. **Return completed comment forms to Rick Wilder (wilderrm@saic.com) and Pete Rawlings (rawlingsms@saic.com).**

To be of the greatest value to the document development process, please make your comments as specific as possible (e.g., rather than stating that more current information is available regarding a topic, provide the additional information [or indicate where it may be acquired]; rather than indicating that you disagree with a statement, indicate why you disagree with the statement and recommend alternative text for the statement). Do not enter information in the **Disposition** column. This column will be used by SAIC to record how each comment was addressed during the document revision process.

No.	Page #	Section #	Line #	Comment	Disposition
1.	7-9	3.3.3		Evidence obtained by the City of Antioch indicates that Suisun Marsh was historically fresher than it is today. While the marsh no doubt experienced fluctuations in salinity over the years, this area was historically much fresher than it is today. Therefore, creating a brackish tidal marsh is likely to have adverse environmental consequences. Antioch will be providing more information on this issue soon.	
2.	7-9	3.3.3		Consideration should be given to impacts on downstream beneficial uses such as the City of Antioch from all of the proposed measures in (and impacting on) the western Delta. Antioch would be happy to work with the BDCP to analyze and mitigate potential impacts. Regionally beneficial mitigation measures such as relocation of intake facilities and by-pass flows should be addressed.	
3.	7-9	3.3.3		The City of Antioch holds water rights to Sacramento River water tributary to the San Joaquin River. This includes Sacramento River water entering the San Joaquin River via Three Mile Slough. It will be important to coordinate any measures impacting Three Mile Slough with Antioch.	

4.	7-9	3.3.3		The impacts to outflow and to other hydrodynamic processes appear substantial. However, there is little discussion on how these impacts will affect the existing environment and economy in the western Delta.	
5.	All	All		In evaluating the environmental and water quality impacts of any proposed scenario, it will be critical to evaluate both salinity and the source of water at a given location. For example, several studies have shown that relatively little San Joaquin River water flows from the Delta to the Bay, and that most San Joaquin River water is exported by the south Delta pumps or by in-Delta diversions. Changing the point of diversion will alter the mixture of water within the Delta.	
6.	All	All		Water at most Delta locations is a mixture of flows from many sources. For example, although the City of Antioch 's intake is located geographically on the San Joaquin River , much of the water at the intake originated in the Sacramento River . The quality of water from different sources varies significantly (in terms of salinity, turbidity, nutrient content, etc.). For example, San Joaquin River water typically has higher salinity, nutrient and carbon content than Sacramento River water. Drainage from Delta islands similarly has water quality that is poorer than Sacramento River water. Thus, it will be important to present results describing the source of water at a given location, and to evaluate the impacts of changes in the source of water on intake water quality and treatment requirements. "Source fractions" can be readily modeled using routine Delta models (e.g., DSM2, FDM).	