

**RESPONSE TO DOA COMMENTS PER BRIAN KAU'S E-MAIL DATED
DECEMBER 25, 2008**

Page xiii, Table ES2: Does the "Irr. Water Use" for the State resources reflect ALL sources of irrigation, county, private, state, potable, non-potable? If so, please state this. If not, please state this.

On page xii, in the last paragraph following the sentence, "The U.S. Geological Survey ... every five years.", a sentence was added as "These estimates include all major water uses and sources including non-potable waters (USGS, 2000)."

Page xiii, Table ES2: You CANNOT list "Max. Capacity" and "Avg. Water Use" in this table. Listing it like this implies that this water use is distributed over all of the acreages listed when in fact it is a minute subset, i.e. the lay reader would assume that for Waimea, 4 MGD is used to irrigate 13,700 acres, leading to an assumption that the average acre of agricultural land only needs 292 gallons of water per day. Either delete these two columns (Max Capacity & Avg Water Use) or indicate how many acres are irrigated by the sources listed.

In Table ES2, the far right column was revised to read "Avg. Daily Water Use MGD". Also, the second sentence in last paragraph on p. xiii was revised to read: "Actual water use is typically much lower and the entire service area may not be irrigated, or even irrigable."

Page xxii, last paragraph and Table ES6: This table and the following paragraph assumes that unlimited water is available. A statement needs to be made as such and that this condition does NOT exist. Your implication is that the listed systems will be able to irrigation the identified acreage. If this is true, where is the water source?

The Agricultural Potential scores in Table ES6 (without and with rehabilitation) include factor accounting for system water supply.

Page 56, Estimated cost of Studies for future updates: What about the unstudied systems? We need to find out what kind of condition they are in and what if anything can be done to rehabilitate them. We need to find out what the current ownership is and create a list of potential capital improvements, costs, and what benefits those improvements will achieve. We need to look at the areas surrounding those systems and determine the potential for agriculture, making projections for water and land use. What would the cost/benefit be of reintroducing these systems and prioritize them for rehabilitation. Future phase work needs to include what we have done for the first bunch of systems in the first phase for the unstudied systems, not only additional work on the studied systems.

See the revised Table 7.1.