

**Obegi, Doug**

---

**From:** Leahigh, John [REDACTED]  
**Sent:** Tuesday, December 16, 2008 6:03 PM  
**To:** Obegi, Doug  
**Cc:** Peter Vorster; Spreck Rosekrans; Nelson, Barry; Johns, Jerry  
**Subject:** RE: Water supply costs of complying with the Wanger rules

Doug,

Yes, I am in general agreement with your numbers: Roughly 25% impact to SWP, 10-11% impact to CVP exports, and a combined SWP/CVP impact of about 17%-18% in 2008. All of these impacts are measured against a D-1641 base. The % split on internal water classifications within each Project is a bit more difficult to assess.

I am not familiar with the analysis done by Doug Sundings but I will note that this year's impacts fall toward the upper end of the range of impacts forecasted by our office back in July of 2007. At that time we forecasted that if conditions in 2008 turned out to be dry SWP impacts would range between 8% and 27% and combined SWP/CVP impacts between 6% and 25%. Although the targets within the final Wanger order developed later were slightly different than what we had modeled in July these differences were not major.

I will see about getting the modeling of future impacts on the agenda for the next CALFED Ops meeting, January 28.

Thanks, John

**John W. Leahigh, P.E.**  
**Department of Water Resources**  
**State Water Project**  
**Operations Planning**  
 (916) [REDACTED]  
 [REDACTED]

---

**From:** Obegi, Doug [REDACTED]  
**Sent:** Tuesday, December 16, 2008 1:46 PM  
**To:** Leahigh, John  
**Cc:** Peter Vorster; Spreck Rosekrans; Nelson, Barry  
**Subject:** Water supply costs of complying with the Wanger rules

Hi John,

Thanks for your call last week. Sorry I wasn't able to get back in touch with you sooner, but I was hoping to facilitate a discussion of the water supply impacts of the Wanger rules, as well as DWR's new modeling of the impacts of complying with the new delta smelt BO. I'm following up on the voicemail I left for you today about the same topic.

We estimate that complying with the Wanger rules resulted in a ~17% reduction in supplies last year. I would like to confirm that DWR estimates the costs similarly. Here is how we generated this estimate:

I have been informed that USBR delivered approximately 1.99 MAF from the Delta in 2008, and DWR staff said on yesterday's press call that the State delivered 1.5MAF from the Delta in 2008, resulting in total deliveries of

2/18/2009