

## Tauriainen, Andrew@Waterboards

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**From:** Howard, Tom </O=MMS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=HOWARD, TOM@WATERBO97BB8206-7061-4BF7-B503-158A6481C1EA139>  
**Sent:** Tuesday, April 21, 2015 3:40 PM  
**To:** Grober, Les@Waterboards; Evoy, Barbara@Waterboards  
**Cc:** O'Hagan, John@Waterboards  
**Subject:** RE: your SJ question  
**Attachments:** image001.png; image002.jpg

OK, do that. Thanks

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**From:** Grober, Les@Waterboards  
**Sent:** Tuesday, April 21, 2015 3:39 PM  
**To:** Evoy, Barbara@Waterboards; Howard, Tom  
**Cc:** O'Hagan, John@Waterboards  
**Subject:** RE: your SJ question

John and I discussed further. Mosssdale makes more sense as an upstream boundary because, although there is a tidal effect there, there is not a flow reversal, similar to what happens at the I Street Bridge. Also, Mosssdale is just upstream of the head of Old River—any reverse flows on the SJR downstream of Mosssdale are likely directed down Old River. Although there is no tidal effect at Vernalis (which is why is used as the gage for inflow), it is a little too far upstream to use as an upstream boundary for tidal /reverse flow effects.

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**From:** Evoy, Barbara@Waterboards  
**Sent:** Tuesday, April 21, 2015 3:06 PM  
**To:** Howard, Tom  
**Cc:** O'Hagan, John@Waterboards; Grober, Les@Waterboards  
**Subject:** your SJ question

The tidal influence zone ends somewhat downstream of Vernalis. How much downstream, Les is asking. John will include those south of Vernalis in the evaluation to see if more would be curtailed. He is also looking at the PODs to see how many in the "tween" zone may be post 1914 and how many might be pre-1914 so not relevant to this current curtailment.

Barbara L. Evoy  
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