

throughout, I estimate that the flow expected to be experienced at the Crossing for an event of the same return interval to be 0.9 percent larger.

**Crossing flow:**

The summation of the peak flow at Gage and Kelly Creek and then applying the multiplier 1.009 will approximate the peak flow observed at the Crossing. The Gage 15-year was 7,448 cfs and the Kelly Creek 15-year was 1,136 cfs. This yields 8,584 cfs and then applying the multiplier yields 8,661 cfs.

**Recommendation**

Based on the available information and my analysis, I recommend that the State Engineer determine the 15-year recurrence interval discharge at the Crossing to be 8,661 CFS.