

**ATTACHMENT B**  
**Gray Eagle Bar Side Channel Observations**



Below are photographs of habitat conditions in the side channel at 167 cfs and 148 cfs (11/17/08 and 11/14/08, respectively) in the Middle Fork American River main channel.

**Flow into the Top of the Side Channel**

**Main Channel Flow: 167 cfs  
Side Channel Flow: 1.4 cfs**



**Main Channel Flow: 148 cfs  
Side Channel Flow: 0.4 cfs**



At a discharge of 148 cfs, a little flow (0.4 cfs) flowed within the side channel; although the large riffle in the mid-section of the bar and the riffle at the downstream end of the bar were dewatered creating disconnected pool habitat.

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**Looking Downstream at the Head of the First Major Pool in the Side Channel**

**167 cfs**



**148 cfs**



**Gray Eagle Bar Side Channel Observations (continued)**

**Long Riffle Habitat in the Mid-section of the Side Channel**

167 cfs



148 cfs



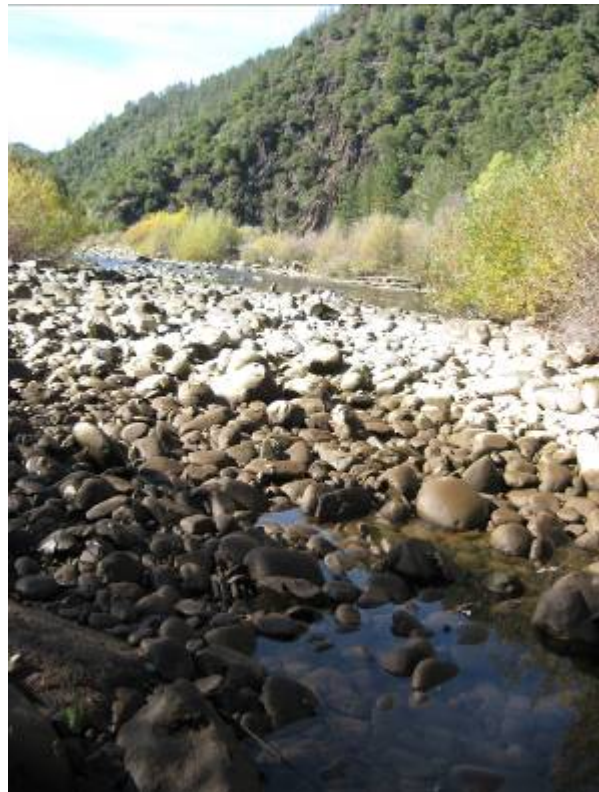
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**Looking Downstream at the Downstream Pool in the Side Channel  
Disconnected from Main Channel**

167 cfs

No photo

148 cfs



**Gray Eagle Bar Side Channel Observations (continued)**

**Hydraulic Control in Main Channel and Side Channel at 167 cfs**

**Main Channel**



**Side Channel**



