

Stream Gage Repairs

In May of 2017, high flows severely damaged two measurement gages on the Cucharas River (Boyd Ranch and Harrison Bridge). HCWCD acted as fiscal agent for Division of Water Resources funding for a local contractor to construct two protective cross vane weirs at those gage locations. Built with two angled lines of boulders forming a “U,” with the closed end pointed upstream, the weirs operate on the principle that water

crosses a barrier perpendicular to the barrier. Consequently, they direct water away from the stream banks and direct it down the middle of the channel to the gage as shown in the schematic and in the accompanying photo of the new weir at the Harrison Bridge gage.

