



**Figure 7: Flow direction and relative velocity are depicted by red scalar vector arrows on this map, expressing the results of 2-dimensional hydraulic modeling efforts ( $Q=170k$  cfs for the Sacramento River,  $15k$  cfs for Stony Creek, and  $10k$  cfs for Big Chico Creek). Note how flows north of Sacramento Avenue (in the Bosquejo Basin) return to the river through the study area. Source: TNC, 2001b.**