

Table 7.8.3–9 Recommended Actions to Reduce Sediment Load and Enhance Habitat Complexity in Sonoma Creek and its Tributaries

Recommended Action	Management Objective(s)	Actions	Implementing Parties	Completion Dates and Notes
Prevent and Reduce Channel Incision	<p>Reduce rates of sediment delivery (associated with incision and associated bank erosion) to channels, by 80 percent.</p> <p>Enhance channel habitat as needed to support self-sustaining run of steelhead and enhance the overall health of the native fish community.</p> <p>Stabilize channel banks and riparian areas to reduce sediment loads from landslides.</p>	<p>Develop and prioritize channel restoration projects to address unstable areas, based on level of incision and/or landslide instability.</p>	<p>Landowners and/or designated agents, and reach-based stewardships</p>	<p>Comply with conditions of Clean Water Act Section 401 certifications</p>
Enhance Physical Habitat Structure	<p>Enhance quality of rearing habitat for juvenile salmonids by increasing riparian canopy, large woody debris, and frequency and depth of pool habitat.</p>	<p>Develop, prioritize, and implement plans to increase channel complexity, including increasing riparian canopy, pool habitat, and large woody debris.</p>	<p>Landowners and/or designated agents, and reach-based stewardships</p>	