

Table 7.8.3-1 TMDL sediment targets for Sonoma Creek and its Tributaries

Spawning gravel permeability	Median value ≥ 7000 cm/hr ^a
Pool filling	Decreasing trend in the volume of fine sediment deposited in pools
Substrate Composition- Percent Fines	Percent of fine sediment less than 0.85 mm in diameter is less than or equal to 14 percent of the total bulk core sample ($\leq 14\%$ fines < 0.85 mm) ^b
	Percent of fine sediment less than 6.40 mm in diameter is less than or equal to 30 percent of the total bulk core sample ($\leq 30\%$ fines < 6.40 mm) ^b
<p>^aTarget applies to all potential spawning sites for steelhead and salmon in Sonoma Creek and its tributaries.</p> <p>^bTarget applies to wadeable streams and rivers with gradient less than 3 percent. A wadeable stream is one which an average human can safely cross on foot during the summer, low flow season while wearing chest waders.</p>	