

Parameter	Numeric Target <sup>1</sup>
Residual Pool Volume ( $V^*$ ) <sup>2</sup>	$V^* =$ Mean values $\leq 0.21$ Max values $\leq 0.45$
Median Diameter ( $D_{50}$ ) of Sediment Particles in Spawning Gravels	$D_{50} =$ Mean values $\geq 69$ mm Minimum values $\geq 37$ mm
Percent of Fine Fines ( $< 0.85$ mm) in Spawning Gravels	Percent fine fines $\leq 21\%$
Percent of Coarse Fines ( $< 6.0$ mm) in Spawning Gravels	Percent coarse fines $\leq 30\%$

<sup>1</sup> Target values are for sampling reach(es) within an individual waterbody.

<sup>2</sup> Residual Pool Volume refers to the portion of a pool in a stream that is available for fish to occupy. Pool habitat is the primary habitat for steelhead in summer. Overwintering habitat requirements include deeper pools, undercut banks, side channels, and especially large, unembedded rocks, which provide shelter for fish against the high flows of winter.  $V^*$  gives a direct measurement of the impact of sediment on pool volume. It is the ratio of the amount of pool volume filled by fine, mobile sediment, to total pool volume. Qualifying pools are those having a gradient less than 5%, a minimum depth twice the riffle-crest depth, a fairly even spacing between tributaries, and are located on streams fifth order or smaller.