

Table 7.4.2-1 Sediment TMDL and Habitat Targets for Pescadero and Butano Creeks and Their Tributaries

Sediment Condition Target	
Residual Pool Volume (V*) A unitless measure of the fraction of a pool's volume that is filled by fine sediment	Mean value ≤ 0.21 Maximum value ≤ 0.45
Substrate Composition	$\leq 14\%$ fines < 0.85 millimeter (mm), i.e., percent fines less than 0.85 mm in diameter is less than or equal to 14% of the total bulk core sample $\leq 30\%$ fines < 6.40 mm
Habitat Condition Target	
Large Woody Debris (LWD) loading in Redwood Channels	≥ 300 cubic meters per hectare of bankfull channel area (m ³ /ha)
LWD loading in Hardwood Channels	≥ 100 m ³ /ha
Redwood channels are defined as those where the adjacent valley floor and/or hillslopes are vegetated primarily by coast redwood forest. Hardwood channels are defined as those where the adjacent valley flat is vegetated by a hardwood forest (typically some combination of willow species, white alder, California bay laurel, bigleaf maple, tan oak, and/or Oregon ash). The large woody debris loading targets apply to channel reaches that provide actual or potential spawning habitat for anadromous salmonids as defined above.	