

Table 7.8.3-3. Sonoma Creek Sediment Load and Wasteload Allocations (tons/year)^a

	Source Category	Current (2005) Load ^b	Estimated Reductions Needed (Percentage)	Allocation	
				tons/year	Percent Natural Background
Load Allocations	Natural Processes				
	Channel Erosion, Incision	25,400	0	25,400	49
	Colluvial Bank Erosion (Soil Creep)	16,600	0	16,600	32
	Surface Erosion	6,200	0	6,200	12
	Landslides	4,100	0	4,100	8
	Human Actions				
	Channel Erosion, Incision	43,300	81	8,100	15
	Roads and Stream Crossings	11,200	81	2,100	4
	Surface Erosion, including vineyards, grazed lands, unmanaged areas, and minor agriculture	8,600	81	1,600	3
	Landslides	900	81	200	0.4
	TOTAL	116,300		64,300	123
Wasteload Allocations ^c	Municipal Stormwater - NPDES Permit No. CAS000004	600	0	600	1
	Construction Stormwater - NPDES Permit No. CAS000002	300	0	300	0.6
	Industrial Stormwater – NPDES Permit No. CAS000001	100	0	100	0.2
	Caltrans Stormwater – NPDES Permit No. CAS000003	100	0	100	0.2
	TOTAL	1,100		1,100	2
TOTAL ALLOCATIONS = TMDL = 125 % of Natural Background				65,400	125

^a Sediment loads and allocations are rounded to the nearest hundred. Some totals may not appear to add up due to rounding.

^b Table 7.8.3-2 also displays the estimated current (2005) sediment loads. Total current (2005) estimated sediment load = 117,400 tons/year.

^c Source categories included in the wasteload allocations (e.g., municipal stormwater) are described as “urban stormwater” in Table 7.8.3-2. The term “urban stormwater” in Table 7.8.3-2 incorporates municipal, construction, industrial, and Caltrans stormwater.