

Table 7.2.2-1 Mercury Load and Wasteload Allocations By Source Category

Source	2003 Mercury Load (kg/yr)	Allocation (kg/yr)
Bed erosion ^a	460	220
Central Valley Watershed	440	330
Urban Stormwater Runoff	160	82
Guadalupe River Watershed (mining legacy)	92 ^b	2
Atmospheric deposition	27	27
Non-urban stormwater runoff	25	25
Wastewater (municipal and industrial)	18	12
Sediment dredging and disposal ^c	net loss	0
		≤ ambient concentration

Notes:

- ^a Bed erosion occurs as mercury buried in Bay sediment becomes available for biological uptake when overlying sediment erodes.
- ^b This load does not account for mercury captured in ongoing sediment removal programs conducted in the watershed.
- ^c Sediment dredging and disposal often moves mercury-containing sediment from one part of the Bay to another. The dredged sediment mercury concentration generally reflects ambient conditions in San Francisco Bay sediment. This allocation is both mass-based and concentration-based. The allocation will be implemented by confirming both that the combined effect of dredging and disposal continues to be a net loss and that the mercury concentration of dredged material disposed in the Bay must be at or below the Baywide ambient mercury concentration. This allocation ensures that this source category continues to represent a net loss of mercury.