

Table 12 Estimated amount of pollutants entering the water

Insoluble inorganics	Probable quantity discharged directly or indirectly to coastal water of Chittagong	Conc. Level in ground water in Chittagong (ppm)	Conc. Level in surface water and in Bay of Bengal (ppm)	Standard allowable concentration (ppm)
Mercury	500kg/year	-	0.05-0.27	0.01
Lead		-	0.5-21.8	0.025
Chromium		-	220	0.05
Arsenic		-	+ve	0.015
Cadmium		-	0.3-2.9	0.015
Si		1.9-12.12	-	-
Al		0.53-32	-	-
Fe		0.97-42	2.62-5.6	0.3
Ca		3.2-25.2	5.2-23.2	-
Mg		0.0-70	6.57-10.36	125

Note: * (-) means data not available; Source: Department of Environmental Pollution Control, Bangladesh (ESCAP, 1988)