

Table 2 Result of Marine Environment Monitoring in FY 2002 (Bottom Sediment)

Substances	Environmental Quality Standard (EQS) / Provisional Removal Standard	Measured Values <sup>(1)</sup>
		Minimum values ~ Maximum values (number of samples)
Mercury	C <sup>(2)</sup> (Provisional Removal Standard)	0.016 - 0.22 ppm (13)
PCBs	10 ppm (Provisional Removal Standard)	0.00053 - 0.057 ppm (13)
Dioxins	Below 150 pg-TEQ/g (EQS)	0.43 - 34 pg-TEQ/g (13)

- Notes: 1. Measurement was conducted for substances for which EQSs/provisional removal standards are set.  
 2.  $C = 0.18 \times (\Delta H / J) \times (1 / S)$  (ppm)  
 $\Delta H$  = average tidal difference (m), J = elution rate, S = safety rate  
 Eg. Assuming  $\Delta H = 1.0\text{m}$  (Shibaura Port, Tokyo Bay),  $0.13\text{m}$  (Toyama Port, Toyama Bay)  
 $J = 5 \times 10^{-4}$ ,  $S = 100$ , value of C would be:  $C = 3.6\text{ppm}$  (Tokyo Bay),  $0.47\text{ppm}$  (Toyama Bay).