

Table 2 Trace metal concentrations in sediment of Qua Iboe estuary during the study

Metals	Station 1	Station 2	Station 3	DPR (2002)	CEQC
Fe	0.47±0.54 <sup>a</sup> (0.09-1.67)	0.739±1.21 <sup>b</sup> (0.1-3.6)	0.553±0.70 <sup>c</sup> (0.1-2.13)	20	-
Zn	0.27±0.31 <sup>a</sup> (0.06-0.99)	0.35±0.42 <sup>a</sup> (0.07-1.27)	0.37±0.41 <sup>a</sup> (0.01-1.27)	50 - 300	60
Pb	0.02±0.01 <sup>a</sup> (0.01-0.03)	0.04±0.05 <sup>a</sup> (0.01-0.17)	0.05±0.05 <sup>a</sup> (0.01-0.17)	2 - 20	25
Cd	0.015±0.019 <sup>a</sup> (0.001-0.06)	0.019±0.02 <sup>a</sup> (0.003-0.075)	0.020±0.03 <sup>a</sup> (0.002-0.08)	0.03 - 0.3	0.5

abc= mean values in the same row with different superscript are significantly different at  $\alpha = 0.05$ . CEQC - Canadian environment quality criteria 1991