

Relative Contribution of Endocrine-disrupting Chemicals to the Estrogenic Potency of Marine Sediments of Osaka Bay, Japan

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Table 1 Comparison of EDC concentrations in sediments from various areas

Area	NP	OP	BPA	E1	E2	reference
River Arun and Ouse, UK	-	-	-	0.025-0.052	0.006-0.015	Peck et al., 2004
Kamo River, JP	890-7900	-	-	0.21-4.7	0.03-1.3	Motegi et al., 2007
Anoi and Cardener River, SP	-655	15-104	-	-	-	Petrovic et al., 2002
Tokoy Bay, JP	15.2-2610	<0.06-11.4	4.13-175	1.22-14.4	<0.26	Hashimoto et al., 2005
Tokoy Bay, JP	-	-	-	0.05-3.6	<0.07-0.59	Isobe et al., 2006
Tokoy Bay, JP	120-640	6-10	-	-	-	Isobe et al., 2001
Osaka Bay, JP				0.1-1.3	0.17-2.33	Matsuoka et al., 2005
Osaka Bay, JP	220-680	10-41	<2-12	-	<0.01-0.04	Japanese Ministry of Environment, 2002
Offshore fo Sydney, Au	-	-	-	0.16-1.17	0.22-2.48	Braga et al., 2005
Lake Shihwa, Ko	20.2-1820	4.69-50.5	-	-	-	Khim et al., 1999
Osaka Bay, JP	9.8-119	0.36-15.6	<0.5-7.1	<0.1-0.90	<0.1-1.57	present study