

1 **Figure captions**

2 Fig.1 Osaka Bay, Japan and the locations of sampling stations

3 Fig.2 Spatial distributions of EDCs in the sediments of Osaka Bay

4 Fig.3 Spatial distribution of estrogenic potency of sediment extracts from Osaka Bay

5 (estrogenic potency is depicted as inhibition in the binding of ³H-labeled

6 17β-estradiol to medaka estrogen receptor-α)

7 Fig.4 Relative contribution of EDCs to estrogenic potency of Osaka Bay sediments

8 Fig.5 Relationship of EDC concentrations to TOC of Osaka Bay sediments

9 *, **: significant at p<0.05 and p<0.01, respectively.

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