

Study about existence form of dioxins and monitoring method as well as analysis method (2)

[Point]

Existence form of dioxins in bottom sediment and in water was studied in this study, by suggesting the methods of simply researching or monitoring dioxins in bottom sediment and in water, and by assessing inhibitory effect of extraction of dioxins included in covering sand in extraction experiment. As a result, it was revealed that good correlation existed between organic index such as ignition loss and bottom sediment dioxins in the case with bottom sediment, and between SS and water dioxins in the case with water with distinguishingly raised bottom sediment, which could be an alternative index, and that covering sand exercised inhibitory effect of extraction by mainly inhibiting diffusion of suspended dioxins in water.

Keywords: dioxins, bottom sediment, water quality, simple research, simple monitoring, covering sand