

Development of countermeasure technique for dioxins polluted soil in construction field (2)

[Point]

In this study, pollution condition of bottom sediment in river and lake was recognized, the existing sludge countermeasure technique was extensively researched, and dioxins countermeasure method in bottom sediment was studied, in order to appropriately and efficiently handle dioxins pollution of bottom sediment in river and lake. As a result, in research that was conducted with rivers and lakes across the country in 2001, the average of the total of 1769 sites was 8.0pg.TEQ/g, in which 12 sites exceeded the environmental standard, and it was revealed that there were some sites with high concentration pollution up to 690pg.TEQ/g. Furthermore, technical matters and points to remember were summarized about a series of process from the preliminary survey to the monitoring after countermeasure construction, and countermeasure manual was created for countermeasure technique.

Keywords: dioxins, bottom sediment, national survey, countermeasure construction method, manual