

## **Study about existence form of dioxins and monitoring method as well as analysis method (1)**

### **[ Point ]**

Pollution caused by dioxins that is considered to be highly toxic even with infinitesimal quantity has been a significant national issue, and it is required to study and develop an analysis method of dioxins in bottom sediment that corresponds to construction project and by which results can be obtained rapidly. In 2002, comparative review was continuously made from the previous year about acceleration of drying process and extraction process for the purpose of acceleration of analysis of dioxins in the bottom sediment sample. As a result, it was revealed to be possible to accelerate drying process and extraction process by applying fast solvent extraction method (PFE method).

Keywords: dioxins, bottom sediment, analysis, drying, extraction, acceleration