

**Osokina N.P. Ecologo-hygienic assessment of organic toxicants contamination of bottom sediments in the Dnieper water reservoirs.** Using gas chromatography method it was established that in bottom sediments there could be detected stable chlororganic pesticides – DDT and its metabolites: p,p'-DDT, p,p'-DDE, o,p'-DDD; hexachlorocyclohexane and its isomers:  $\alpha$ -HCCH,  $\beta$ -HCCH,  $\gamma$ -HCCH, aldrin, heptachlor and fluor – containing pesticide trephlane. Executed quantitative evaluation of organic toxicants in the bottom sediments of the Dnieper water reservoirs.

*Key words:* pesticides, bottom sediments, the Dnieper water reservoirs.