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The summary

Screening of the most dangerous and widespread toxicants in the environment, in particular in water bodies - is one of the priority areas of current research in the field of environmental protection. Especially dangerous heavy metals and persistent organic pollutants that accumulate in aquatic organisms,

destroy the natural functioning of ecosystems. Such researches are rare for the Republic of Kazakhstan and do not cover a large number of natural objects. Authors recommend to determine a content of toxic pollutants in surface waters of Akmola region. Particular attention will be paid to the determination of the accumulation of pollutants in the tissues of aquatic organisms, also to study of toxic effects by the level of the organism, populations, community of aquatic organisms. The Project in the interests of Stockholm Convention on Persistent Organic Pollutants and has important national importance on the field of environmental safety, environmental management and public health.