

ABOUT THE PROBLEMS OF VIOLATION OF LEGAL REGIME OF LAND USE IN THE RIPARIAN ZONES (ON THE EXAMPLE OF NOVOSIBIRSK RESERVOIR)

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Ensuring the safe management of land use within the boundaries of water protection zones and coastal protection strips is an important state task aimed at maintaining the ecological well-being of the population. Water bodies are an important component of the organization of the space of life and human activity. Modern legislation has limited the economic use of areas adjacent to water bodies to prevent water pollution. For this purpose it is necessary to carry out a complex of works on definition and fixing on the territory of borders of water protection zones and coastal protective strips. This work is not done. When it is carried out, violations of the legal regime of land use are detected. The article provides examples of the use of land for places of unauthorized recreation of the population, storage of household waste, placement of hazardous industrial production and residential buildings. The establishment of boundaries of water protection zones and coastal protective strips prevents the risk of violations of the regime of water protection zones and the risk of negative impact on the water body. The article deals with the procedure for establishing the

boundaries of water protection zones and coastal protection strips. The description of the sequence of works and the procedure of coordination and approval of borders by state bodies.

As measures to prevent violations of the land use regime, it is proposed to organize a system of monitoring the state of the coastal territory of water bodies based on the use of remote sensing data and geodetic measurement tools. Monitoring data are presented as an information space-time model. The model is used as a tool for spatial analysis and predictive modeling of the state of a water body.

Key words: water protection zones, coastal protective strips, zones with special conditions of use of the territory, the state water register, the legal regime of land use, lands of water Fund, violations of the land legislation, protection and protection of lands, the state monitoring system.

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