



## **The physic-chemical and bacteriological contamination of water in Sitnica, Iber and Lushta rivers**

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**Abstract:** The study on the physic-chemical and bacteriological contamination of water was carried out in three rivers of Mitrovica town, in Kosova. Water quality in the lowland rivers (like Sitnica which crosses central Kosova), Iber and Lushta is very poor owing to a lack of waste water treatment and waste disposal. According to the effluents received, six sampling station were selected.

The results obtained shows that bacterial contamination is very frequent, particularly with the pressure of coliforms. The inorganic contamination is also very high, particularly with nitrites, nitrates, phosphates, sulphures, manganese, aluminium and oxide aluminium. According to the results obtained, the sampling sites do not meet the established quality limits of recreational water, and presents potential risk for aquatic organisms.

*Key words: bacteriological and physic-chemical contamination, waste water, Sitnica, Iber and Lushta Rivers.*

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