



Water Pollution of the River Ibër with Heavy Metals from the Landfill Located in the Village Kelmend of Mitrovica

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Abstract: As a consequence of the existence and functioning units of departments “Trepça” in the past, environmental situation in Mitrovica and surrounding area is of concern, although these units of this plant since 2000 are not in function, the consequences of their presence are still present. Industrial Complex units “Trepça” who located in the north and south of Mitrovica, together with the Stari Trgu mine and flotation which is located on the first tunnel, have been permanent environmental pollutants in the city of Mitrovica and surrounding area. Exploitation, preparation and processing of lead and zinc ore, have affected the chain in order to release harmful substances, heavy metals, toxic gases and at the same time as the deposit of industrial waste into the environment. The drafting of this paper, consists in making analysis and benefit the results of these sources of pollution, regarding the impact of industrial waste landfill Kelmendi, located 2-3 km in the north-eastern part of Mitrovica, and the impact of heavy metals in pollution of water in river Ibër. This paper reflects the results of analysis regarding the presence of heavy metals: Pb, Cu, Cd, Zn, Mn, Fe, Cr, Ni in the waters of the river Ibër, due to the existence of the landfill that is located in the village Kelmend of Mitrovica.

Key words: *landfill, physico-chemical analysis, heavy metals, pollution, water, river Ibër*

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