

CONTRIBUTION OF INDUSTRIAL ECONOMIC AGENTS ON WASTEWATER POLLUTION IN MEDIAȘ CITY

— research paper —

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Abstract: This paper presents the results of monitoring the degree of pollution of waters in Medias, in 2007. There have been assessed chemical and physical quality indicators, such as: pH, suspended solids, filterable residue dried at 105 °C, electrical conductivity, chemical oxygen demand (COD), biochemical oxygen demand (BOD), ammonium, nitrates, nitrites, phosphates/phosphorus, phenols, substances extractable in petroleum ether, heavy metals (lead, cadmium, nickel). There were values found exceeded the maximum permitted, set of norms, especially for BOD determinations. The BOD/COD ratio indicates a good capacity of biological self-purification of water. We are dealing also with a nitrogenous organic pollution of wastewater. In terms of acidity and heavy metal loading, the values obtained are kept within the limits prescribed by law.

Keywords: wastewater, chemical and physical indicators, monitoring, pollution, purge

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