



## **Physical-Chemical Characteristics of Mineral Waters of some Wells in the Region of East Kosova**

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*Received March 17, 2009; Accepted June 05, 2009*

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**Abstract** The object of this study was to investigate the physical-chemical characteristics of the mineral waters of some wells in the region of East Kosova (Doberqan Well, Mineral water-Ponesh and Shadervani Well-Gumnisht). Water from these wells was used as a material for analyses. For the determination of the quality of these waters, a number of water quality indicators as non stable components (soluble gases, silicon dioxide and bicarbonate) cations, anions and microelements were determined. From the obtained analyses it is ascertain that analyzed waters have volcanic origin and they belong to sodium-bicarbonate-acidic waters. For the determination of the water quality parameters we used standard methods for water analyzes including classical methods and contemporary water analyzes. As classical method we have used volumetric while from the contemporary analyzes we have used instrumental methods of analyzes like spectrophotometer UV-VIS, atomic absorption spectrophotometer, conductivity meter and pH-meter.

**Keywords:** Mineral Water, East Kosova, Environmental monitoring, Level of polluted species.

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