



Reduction of water losses – Prishtina City

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Abstract: Reduction of water losses is one of the biggest challenges today in the industry of water treatment. Large amount of raw water is lost and thus the loss has very high cost and increases shortages of regular water supply. Today's world faces the loss of water and the best situation is in developed countries, while in developing countries and undeveloped ones, water loss is in the rate of >50%. Thesis will present practical experience in reducing technical losses in a measuring area (DMA) in Regional Water Company "Prishtina", where losses now have a trend towards reduction. Monitoring of flow and pressure is done and continues to be done with sophisticated devices such as Correlator, Detector of noise, Data-Logger, Locators and respective software which enable the exact location of leakage. These practices of technical loss reduction are followed in countries that are advanced in this respect and are transferred and continue to advance in Regional Water Company Prishtina. Results of research will have the followings:

Keywords: *Water Flow, Pressure, Water Loss, DMA*

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