

ENVIRONMENTÁLNA ŠTÚDIA KVALITY OVZDUŠIA V MONITOROVACEJ OBLASTI KREMNICA II. ČASŤ: CELKOVÉ VYHODNOTENIE ÚDAJOV

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ABSTRACT

Schwarz M., Drímal M. & Koppová K. **Environmental Study of the Ambient Air Quality in Kremnica Monitoring Area. Part II. Whole Evaluation of Data**

The ambient air samples were collected in Kremnica monitoring area on six localities. During two seasons of year – heating season in march 2006 and non-heating season in july 2006 – were four indicators measured in 24-hours ambient air samples: particulate matter PM_{10} , $PM_{2,5}$, NO_2 and NO_x . As a whole were 288 air samples collected and measured by workers of Regional Authority of Public Health (RAPH) in Banská Bystrica. These values were compared after statistical analysis with the limits of concentrations for the air quality assessment in this locality.

Key words: particulate matter (PM_{10} , $PM_{2,5}$), NO_2 , NO_x , collection of air samples