

ZHODNOTENIE KVALITY POVRCHOVEJ VODY VO VODNEJ NÁDRŽI BAKOMI (BANSKÁ ŠTIAVNICA) Z HĽADISKA VYBRANÝCH UKAZOVATEĽOV

Zuzana PERHÁČOVÁ & Anne L. DOVČIAKOVÁ

Katedra biológie a všeobecnej ekológie, Fakulta ekológie a environmentalistiky so sídlom v Banskej Štiavnici, Technická univerzita vo Zvolene, Kolpašská 9/B, 969 01 Banská Štiavnica, e-mail: z.perhy@post.sk

ABSTRACT

Perháčová Z. & Dovčiaková A.: **Evaluation of surface water quality from Bakomi water reservoir in Banská Štiavnica according to selected parameters**

Classification of surface water quality from Bakomi reservoir in Banská Štiavnica was analyzed according to STN 75 7221. Water quality parameters were sampled in May and June 2002. Water was analyzed according to oxygen indices and basic physical – chemical indices (dissolved oxygen, pH, temperature water, conductivity) and a microbiology index (coliform bacteria, thermotolerant coliform bacteria, fecal streptococci, psychrophilic bacteria). Water from Bakomi is classified by these methods as 1st to 2nd class quality.

Key words: water quality, oxygen index, physical – chemical indexes, coliform bacteria