

Abstract

This thesis deals with monitoring of surface water quality in CHKO Křivoklátsko. The main purpose of monitoring is to obtain information about a state of flow and development during the previous period and to determine the pollution stage according to relevant standards. The theoretical part describes the basic information about the locality where they come from water samples and basic characteristics of sets of parameters. This section also includes theoretical assesment of sediment.

The experimental part shows the practical determinates of each parameter, with the calculation of the quantities present and physical indicators.

This section is followed by evaluation of measurement results, which are arranged in tables, including readings of all required parameters. The paper concludes an assessment of the monitoring of quality and compare the current state compared with the previous reporting period at each sampling point.

Key words: chemical composition of water, water quality, sediments