

ANNOTATION

The objective of the Diploma Thesis, which is divided into two parts, is to summarize the issue of wastewater treatment for teaching purposes. In the theoretical part, it is possible to find interesting facts from the history, the beginnings of sewerage in the Czech, treatises on sewage, urban and industrial sewage. The thesis describes waste water, its composition and explains the concept of sewerage. The most extensive chapter is the section on sewage treatment plants. It deals with the type of sewage plants, cleaning processes and water and legislation. Readers will be informed about the drainage in Benesov and the sewage treatment in this city. An integral part is the issue of sewage treatment plants for family houses and root cleaner.

The empirical part focuses of the questionnaire examines the relation of school facilities to sewage treatment and especially the use of worksheets. There is a work sheet for pupils II. grade or primary school or the relevant years grammar schools was check in primary school Benesov, Dukelska 1818. The practical part also includes a design of the excursion to the sewage treatment in Benesov.

The aim of the thesis is to work on the issue of water purification, which could serve teachers as a guide to the teaching of pupils, they are able to answer the questions of their pupils and how to organize the excursion its successful course.

KEY WORDS

waste water, sewage treatment, industrial technologies water treatment, home sewage system, work sheet

