

ABSTRACT

This bachelor thesis deals with the topic of wastewater treatment and its use in elementary education. It consists of theoretical and practical part. The theoretical one sums up all types of existing wastewater and polluting substances, besides that it includes the techniques for determining organic substances. Third chapter deals with water purification through out the history – from the early civilizations to the 20th century. This chapter provides a much needed context for the rest of the thesis. Current techniques of water purification are mentioned in the fourth chapter where are also listed the most common types of water purification facilities. The last chapter of the theoretical part is dedicated to a didactic game for elementary school teaching. Practical part of the thesis consists of recommended activities for educating students about wastewater treatment and the responsibilities we all have concerning this topic.

KEYWORDS

Pollutants, wastewater treatment plant, history of wastewater treatment, techniques of wastewater purification, didactic game